

NCAR-TN/STR-75 402B.

**Complete 100- and 200-mb  
GHOST Balloon Data:  
1966-1970**

Feb. 1972

301

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February 1972

NATIONAL CENTER FOR ATMOSPHERIC RESEARCH · M01A  
Boulder, Colorado



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## INTRODUCTION

In a previous study<sup>1</sup>, nine of the ten volumes of hourly GHOST wind data were devoted to the 200-mb level. The balloons in that study were chosen for their longevity, with a minimum duration of 100 days. This study contains information not previously published, including virtually all useful 100- and 200-mb data obtained from 1966 (the beginning of GHOST operations) through 1970. At the cutoff date of the previous study<sup>1</sup>, one balloon, 70 K, was still aloft. The unpublished portion of the life history of balloon 70 K is thus included in the present study. With the exception of the 200-mb balloons 61 TR and 62 TN, which were launched from McMurdo, Antarctica, all balloons included in the present study were launched from Christchurch, New Zealand. In the case of 100 N and 209 Q, large gaps appear in the data because both balloons disappeared into the polar night for an entire winter season.

The instrumentation and the techniques of observation for the GHOST system<sup>2</sup> have remained essentially unaltered throughout the period of operation except for an improvement in the sun sensor. By using appropriate optical filters, the calibration curve of sun angle-vs-code period has been rendered virtually linear over a wide range of values. Consequently, low-latitude data are nearly as reliable as high-latitude data. The new sensor was used on all flights launched after 26 September 1968 (serial numbers above 152).

The format of the tables has been modified for the sake of compactness and economy. As a result, instead of one page per day we have printed a maximum of 44 pages per day. We have also adopted a reliability index which will be explained later.

The GHOST observation system consists of a small light sensor which is suspended horizontally below the balloon. Light energy from the sun

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<sup>1</sup>Solot, S. B., 1968: *GHOST Balloon Data*. NCAR Technical Note TN-34.

<sup>2</sup>Lichfield, E. W. and R. W. Frykman, 1966: GHOST balloons riding the skies. *Electronics*, 456-459.

is converted into a series of radio signals transmitted in Morse code; the speed of transmission varies directly with the elevation angle of the sun. The miniature transmitter is powered by a solar-cell panel. Each balloon may be identified by its code letters and by the frequency of its signal. Observation stations are located at various points throughout the southern hemisphere. The observer tunes a radio receiver to a given frequency, records the balloon identifier, the time and date of observation, and uses a stopwatch to record the period, in seconds, of ten consecutive Morse code transmissions. The foregoing record constitutes one observation. Each observer records data from as many balloons as he can hear during a period of several hours, and enters each observation consecutively on an observation form, which he then mails to the NCAR GHOST Tracking Center in Boulder.

Since electrical power is not stored, the transmitter operates only in daylight. Thus observations for each balloon are actually grouped into balloon days, separated by dark periods of varying lengths. The duration of a balloon day may be greater or less than 24 hr, depending on whether the balloon is flying westward or eastward, respectively.

In order to clarify the discussion we will define two types of balloon trajectory solutions. The solutions which depend on analysis of data for each separate balloon day will be called internal solutions, in contrast to external solutions which depend on analysis of data for several balloon days. Because the dynamic equations are nonlinear, all internal solutions are subject to a kind of Heisenberg principle of uncertainty. However, with sufficiently accurate data and reasonable simplifying assumptions it would be possible to obtain good internal solutions for both velocity and position by using statistical techniques. In practice, however, the best data will yield only one accurate position per balloon day internally, and velocities must be derived externally by computing position differences with respect to time. The accuracy of the wind data depends, therefore, on the interpolation techniques as well as on the position accuracy. It is much more difficult to estimate wind accuracy than position accuracy. Nevertheless, to assume that the accuracy of the winds is no greater than a 24-hr average



would grossly underestimate the power of the spline function techniques of interpolation discussed below.

The problems presented by computer analysis of this type of data are unique, and therefore a somewhat detailed description is unavoidable. The following discussion is for those data users who wish to obtain a deeper insight into the validity of the data.

The data are analyzed in several stages, the output of one stage becoming the input of the next. Although each step is completely automatic, the flexibility of the program allows the analyst to make any changes he wishes at any stage. At each step the computer must make a number of crucial decisions based on the information it derives from analysis of the input data. With even a modest amount of data input the decisions are surprisingly excellent. However, the computer occasionally will make erroneous decisions if given insufficient data. The program is constructed that special instructions which will override all other instructions may be inserted at any point and guide the computer to making correct decisions. As a further check on the validity and consistency of the computations a great deal of information is output in the form of graphs and tables at each step.

#### STEP I

Raw data are fed into the computer which:

- a. Sorts the data by balloons and balloon days.
- b. Checks the data for internal consistency and prints out discrepancies as well as observer's remarks.
- c. Uses a stored calibration curve of sun angle-vs-code period for each balloon to compute the seasonally adjusted value of the sun angle for each observation.
- d. Makes a graph for each balloon day and plots sun angle against time for each observation, using a different symbol for each station (Fig. 1).
- e. Punches out a single card for each observation with pertinent information such as balloon name, date, time, sun angle, observation station, etc.

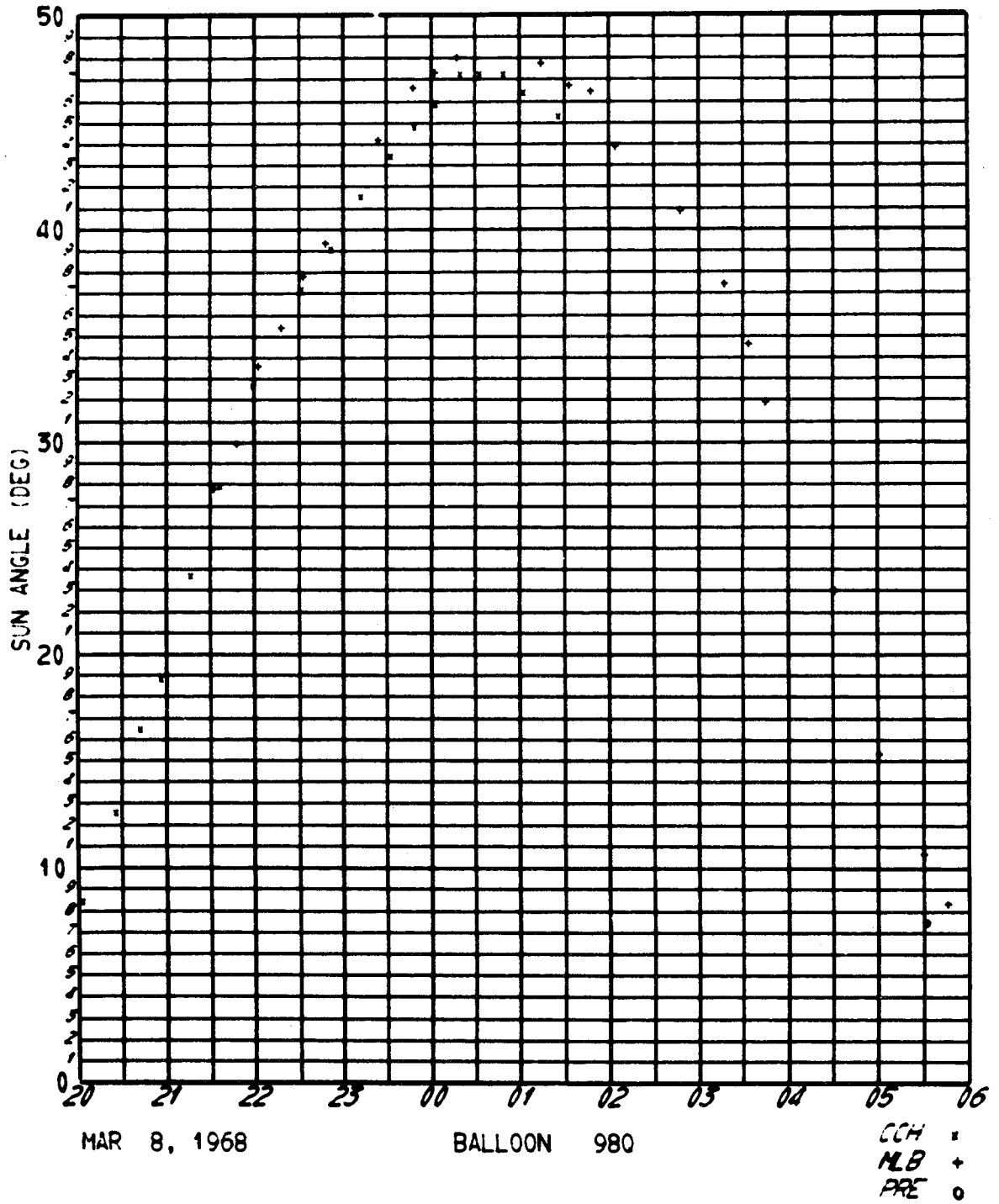


Fig. 1 Plot of balloon sun angle vs time for observations from Christchurch, New Zealand (CCH), Melbourne, Australia (MLB), and Pretoria, South Africa (PRE).

### Visual Inspection

Following Step I each balloon-day graph is visually inspected. Gross errors may be eliminated manually by removing the card containing the erroneous observation; if the card is left in, the computer will decide whether to accept or reject each observation. The analyst must decide also whether enough reliable data exist to determine a sun angle curve. If the data are not considered reliable, they are not discarded but are reduced to a mean point. This is called a Class 3 balloon day.

A Class 1 balloon day is one in which high noon is included within the period of observation. Class 2 balloon days include all cases which are neither Class 1 nor Class 3. Since Method 1 (p. 9) assumes symmetry about high noon, it is not used for Class 2 balloon days, even though the data are sufficient for computation.

### STEP II

In this step the computer:

- a. Eliminates gross errors.
- b. Computes the best fitting sun angle curve (Method 1).
- c. Again plots the points on the sun angle graph and draws the sun angle curve (Fig. 2).
- d. Punches a new set of cards (one pair of cards for each balloon day) which contains the balloon name, date, Greenwich hour angle, declination angle, and either sufficient data to specify the sun angle curve or point data for Class 3 balloon days.

At this stage a sun angle curve has been defined for all balloon days except Class 3.

### STEP III

In this step the computer:

- a. Examines each sun angle curve and classifies it further.
- b. Computes latitude and longitude for all Class 1 balloon days (Method 1).

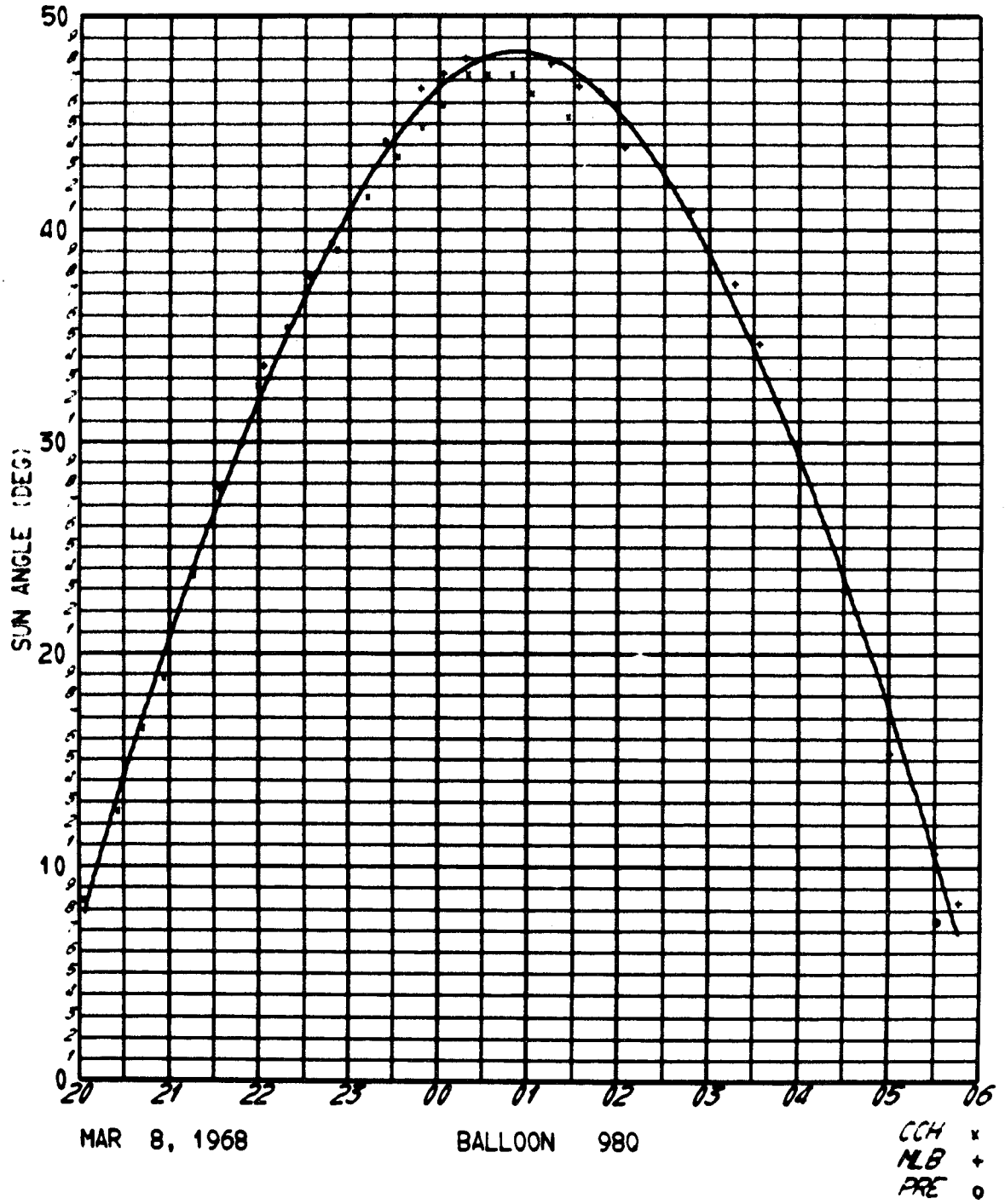


Fig. 2 Computer-drawn sun angle curve.

- c. Computes two cubic spline functions:<sup>3</sup>
1. Time vs latitude
  2. Time vs accumulated longitude (360° are added for each balloon orbit).
- d. Derives from the spline functions and adjusts by Method 2 (p. 11) values of latitude and longitude for all Class 2 and Class 3 balloon days.
- e. Compares the interpolated spline function values of latitude and longitude with the adjusted values and decides which to accept.
- f. Computes new spline functions which include all observations.
- g. Computes a reliability index for each standard six-hourly observation. The index primarily refers to position accuracy and only indirectly to wind accuracy. The index takes into account the amount of interpolation by assuming an exponential deterioration of 20% per six hours of interpolation, and also distinguishes between the more reliable (Class 1 and Class 2) data and the less reliable (Class 3) data. The practical outcome of these rules is shown in the table below.
- h. Computes wind components by deriving from the spline functions the average differences in latitude and longitude for a 1-hr period centered about the observation time.

Reliability Index	Time Interval to the Nearest Class 1 or Class 2 Observation (hr)	Time Interval to the Nearest Class 3 Observation (hr)
A	< 4.9	
B	< 15.8	
C	< 34.4	< 18.6
D	> 34.4	> 18.6

<sup>3</sup>Without going into mathematical details, a spline function may be described briefly as the smoothest possible curve that will pass through a specified set of points. In this case the set consists of each computed point (Fig. 3).

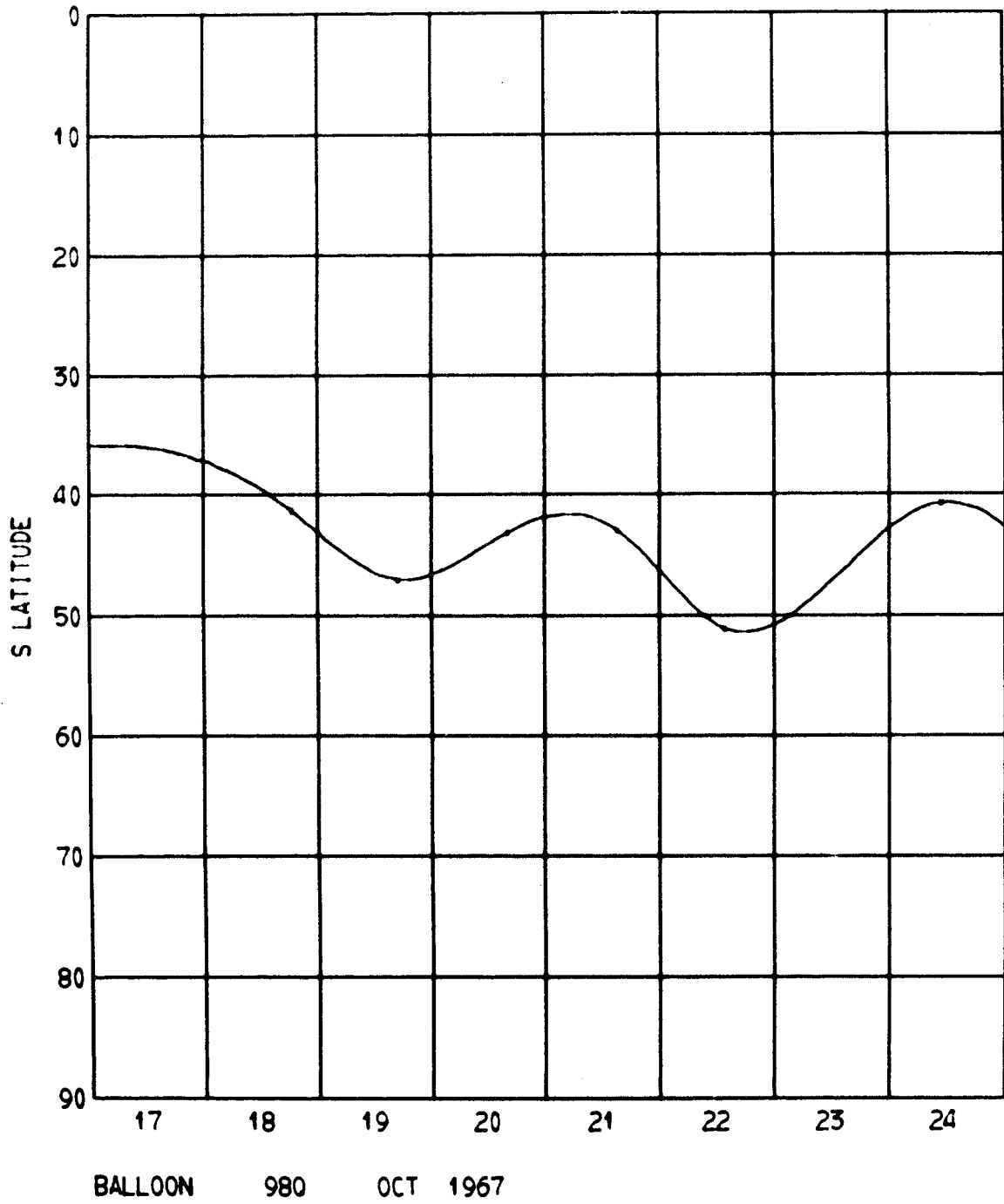


Fig. 3 Computer-drawn spline function.

METHODS OF SOLUTION

Both methods employ curve-fitting techniques to solve a single balloon position at an arbitrary time,  $t_0$ . Method 1 assumes the sun angle curve to be symmetrical about high noon and uses internal analysis exclusively. In Method 2 the velocity of the balloon is obtained externally, the sun angle curve is generally asymmetrical, and position is obtained by fitting the best curve which is consistent with the derived velocity components.

METHOD 1

For any one observation,

$$\sin A = \sin D \sin P + \cos D \cos P \cos B \quad (1)$$

where

- A = sun angle of the balloon (observed)
- D = declination angle of the sun (known)
- P = latitude of the balloon (unknown)
- L = longitude of the balloon (unknown)
- B = L - Greenwich hour angle

If P is assumed constant, the sun angle curve will be symmetrical about high noon. With the usual accuracy of the GHOST data the asymmetry produced by the variation of P is difficult to detect. Therefore, we seek the best-fitting curve which is symmetrical about high noon.

Let

$$B = B_0 + C(t - t_0)$$

where  $t_0$  is some arbitrary time, such as the midpoint,  $B_0$  is the value of B at  $t = t_0$ , and C is the time rate of change of B, which is assumed constant (for a stationary balloon  $C \sim 15^\circ/\text{hr}$ ).

Now Eq. (1) can be rewritten as

$$Z = \tan D \sin P + \cos P (X \cos B_o - Y \sin B_o) \quad (2)$$

where

$$X = \cos C(t - t_o)$$

$$Y = \sin C(t - t_o)$$

$$Z = \frac{\sin A}{\cos D}$$

If the number of observations is N and

$$F = \sum XZ - \frac{\sum X \sum Z}{N}$$

$$G = \sum YZ - \frac{\sum Y \sum Z}{N}$$

$$H = \sum X^2 - \frac{(\sum X)^2}{N}$$

$$I = \sum XY - \frac{\sum X \sum Y}{N}$$

$$J = \sum Y^2 - \frac{(\sum Y)^2}{N}$$

then one may solve for P, B<sub>o</sub>, and C by

$$\tan B_o = \frac{IF - GH}{JF - GI} \quad (3)$$

$$\cos P = \frac{F}{H \cos B_o - I \sin B_o} \quad (4)$$

$$N \tan D \sin P - \sum Z + \cos P (\cos B_o \sum X - \sin B_o \sum Y) = 0 \quad (5)$$

The method of solution consists of solving Eqs. (3-5) iteratively for B<sub>o</sub> and P by assuming various values of C. This solution will give accurate estimates of B<sub>o</sub> and P, but not of C.



METHOD 2

We begin with an array of B and P values which are derived externally, and a corresponding array of observed sun angle values, A, which are converted to Y values by the transformation

$$Y = \sin A$$

Let F be the computed value of  $\sin A$  from Eq. (1). We now seek new arrays of B and P, such that

$$\Sigma (F - Y)^2 \quad (6)$$

is minimized.

Since data inaccuracy renders internal velocity solutions invalid, it is necessary to preserve the relative positions of the points, B and P. It is therefore stipulated that each set, (B, P), must be changed by equal amounts, (b, p). The problem then reduces to finding a pair, (b, p), such that if we set

$$F = \sin D \sin(P + p) + \cos D \cos(P + p) \cos(B + b)$$

then the quantity in Eq. (6) is minimized. This yields two normal equations:

$$\Sigma R \frac{\partial R}{\partial b} = 0 \quad (7)$$

$$\Sigma R \frac{\partial R}{\partial p} = 0 \quad (8)$$

where  $R = F - Y$ .

Since Eqs. (7) and (8) are nonlinear in b and p, they are solved by an iterative procedure (Newton-Raphson method). Beginning with an

initial approximation, the increments,  $db$  and  $dp$ , for  $b$  and  $p$ , respectively, are obtained as solutions to the equations

$$- \Sigma R \frac{\partial R}{\partial b} = \Sigma \left\{ R \frac{\partial^2 R}{\partial b^2} + \left( \frac{\partial R}{\partial b} \right)^2 \right\} db + \Sigma \left\{ R \frac{\partial^2 R}{\partial b \partial p} + \frac{\partial R}{\partial b} \frac{\partial R}{\partial p} \right\} dp \quad (9)$$

$$- \Sigma R \frac{\partial R}{\partial p} = \Sigma \left\{ R \frac{\partial^2 R}{\partial b \partial p} + \frac{\partial R}{\partial b} \frac{\partial R}{\partial p} \right\} db + \Sigma \left\{ R \frac{\partial^2 R}{\partial p^2} + \left( \frac{\partial R}{\partial p} \right)^2 \right\} dp \quad (10)$$

Equations (9) and (10) may be rewritten in a convenient computational form

$$- \Sigma RG = \Sigma (RI + G^2) db + \Sigma (RJ + GH) dp \quad (11)$$

$$- \Sigma RH = \Sigma (RJ + GH) db - \Sigma (RF - H^2) dp \quad (12)$$

where

$$G = - \cos D \cos(P + p) \sin(B + b)$$

$$H = \sin D \cos(P + p) - \cos D \sin(P + p) \cos(B + b)$$

$$I = - \cos D \cos(P + p) \cos(B + b)$$

$$J = \cos D \sin(P + p) \sin(B + b)$$

DATA FOR 200-mb FLIGHTS; 1966-1970



200MB GHOST BALLOON 20V

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
APR 10 66	40.9S	89.9W	258	50 A	43.1S	77.4W	261	42 B	43.5S	67.4W	273	33 A	42.6S	59.5W	285	28 A
APR 11 66	40.8S	53.1W	296	25 A	38.6S	48.0W	302	22 B	36.4S	43.6W	302	20 A	34.6S	39.5W	293	19 A
APR 12 66	33.6S	35.3W	276	19 A	33.9S	30.7W	259	21 B	35.1S	25.5W	251	24 A	36.9S	19.9W	247	26 A
APR 13 66	38.9S	13.8W	247	27 B	40.9S	7.3W	249	28 B	42.8S	.4W	251	28 C	44.5S	6.7E	252	28 C
APR 14 66	46.1S	13.9E	254	27 C	47.4S	21.1E	256	26 C	48.5S	28.4E	258	25 D	49.4S	35.7E	260	25 D
APR 15 66	50.1S	43.1E	263	25 D	50.6S	50.5E	265	25 D	51.0S	58.0E	266	24 D	51.2S	65.5E	268	24 D
APR 16 66	51.3S	73.1E	270	24 D	51.2S	80.7E	271	25 D	51.0S	88.3E	273	25 D	50.7S	96.0E	274	25 D
APR 17 66	50.3S	103.6E	275	25 D	49.8S	111.2E	276	25 D	49.3S	118.9E	277	26 D	48.6S	126.5E	278	26 D
APR 18 66	47.9S	134.1E	278	26 D	47.2S	141.7E	279	27 D	46.4S	149.3E	279	27 D	45.6S	156.8E	279	27 D
APR 19 66	44.7S	164.3E	279	28 D	43.9S	171.7E	279	28 D	43.0S	179.1E	279	28 D	42.2S	173.6W	279	28 D
APR 20 66	41.4S	166.3W	278	28 D	40.7S	159.2W	278	28 D	39.9S	152.1W	277	28 D	39.3S	145.0W	277	28 D
APR 21 66	38.7S	138.1W	276	28 D	38.1S	131.3W	276	28 C	37.6S	124.6W	274	27 C	37.3S	118.0W	273	27 C
APR 22 66	37.1S	111.5W	271	26 B	37.1S	105.1W	269	26 B	37.2S	98.9W	268	25 A	37.4S	92.8W	269	25 A
APR 23 66	37.4S	86.8W	270	24 A	37.3S	81.0W	272	23 B	37.0S	75.3W	275	23 A	36.6S	69.6W	277	24 A
APR 24 66	35.8S	63.9W	280	25 A	34.9S	57.9W	281	26 B	33.9S	51.7W	280	27 A	33.2S	45.2W	276	29 A
APR 25 66	32.9S	38.4W	270	30 A	33.2S	31.2W	265	32 B	33.9S	23.6W	261	33 A	35.0S	15.8W	260	34 A
APR 26 66	36.2S	7.9W	260	34 B	37.3S	.1E	261	33 B	38.3S	8.2E	261	33 C	39.3S	16.2E	261	33 C
APR 27 66	40.3S	24.4E	261	33 C	41.3S	32.7E	261	33 D	42.3S	41.0E	260	32 D	43.3S	49.4E	260	32 D
APR 28 66	44.4S	57.9E	261	32 D	45.3S	66.4E	261	31 D	46.3S	74.9E	261	31 D	47.2S	83.5E	261	30 D
APR 29 66	48.1S	92.1E	262	30 D	48.9S	100.8E	262	30 D	49.7S	109.5E	263	29 D	50.4S	118.2E	263	29 D
APR 30 66	51.0S	126.9E	264	28 D	51.5S	135.7E	265	28 D	52.0S	144.4E	265	28 D	52.4S	153.1E	266	27 D
MAY 1 66	52.7S	161.8E	267	27 D	52.9S	170.5E	268	27 D	53.0S	179.2E	270	27 D	53.0S	172.1W	271	27 D
MAY 2 66	52.8S	163.4W	272	27 D	52.5S	154.8W	274	27 C	52.1S	146.1W	275	27 C	51.6S	137.6W	277	27 C
MAY 3 66	50.9S	129.3W	278	27 B	50.1S	121.1W	279	27 B	49.2S	112.9W	281	28 A	48.0S	104.6W	283	30 A
MAY 4 66	46.6S	95.9W	284	33 B	44.9S	86.7W	285	36 B	43.0S	77.2W	285	38 A	41.2S	67.5W	284	39 A
MAY 5 66	39.5S	57.8W	281	39 B	38.2S	48.3W	278	38 B	37.4S	39.2W	274	36 A	37.3S	30.7W	267	33 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 23F

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
APR 15 66	58.8S	49.1W	266	41 B	59.5S	34.5W	272	35 B	58.4S	22.3W	288	31 A	55.9S	12.3W	301	30 A
APR 16 66	52.6S	4.5W	312	29 B	48.7S	1.3E	321	26 B	44.8S	5.3E	330	23 A	41.2S	7.5E	342	18 A
APR 17 66	38.4S	8.2E	3	12 B	36.7S	7.4E	40	8 B	35.8S	5.8E	72	8 A	35.6S	4.1E	89	7 A
APR 18 66	35.7S	2.8E	102	3 B	35.9S	2.6E	230	1 C	36.1S	3.3E	254	5 C	36.4S	4.8E	255	8 C
APR 19 66	36.9S	6.9E	253	10 C	37.6S	9.6E	251	12 D	38.5S	12.7E	250	14 D	39.5S	16.3E	250	16 D
APR 20 66	40.7S	20.4E	250	18 D	41.9S	25.1E	251	20 D	43.3S	30.2E	251	21 D	44.7S	35.9E	251	23 D
APR 21 66	46.1S	42.0E	251	24 D	47.6S	48.5E	251	25 D	49.2S	55.4E	251	25 D	50.7S	62.6E	252	26 D
APR 22 66	52.3S	70.3E	252	26 D	53.8S	78.2E	252	26 D	55.3S	86.5E	253	26 D	56.8S	95.1E	253	26 D
APR 23 66	58.2S	104.0E	254	25 D	59.6S	113.1E	254	25 D	60.8S	122.5E	255	25 D	62.0S	132.0E	256	24 D
APR 24 66	63.1S	141.8E	258	24 D	64.0S	151.8E	259	23 D	64.7S	161.9E	261	23 D	65.4S	172.1E	263	22 D
APR 25 66	65.8S	177.5W	265	22 D	66.1S	167.1W	268	22 D	66.1S	156.5W	271	22 D	65.9S	146.0W	274	22 D
APR 26 66	65.5S	135.4W	277	23 D	64.9S	124.7W	280	24 C	64.0S	114.1W	283	25 C	62.8S	103.5W	285	26 C
APR 27 66	61.3S	93.0W	288	27 B	59.6S	82.5W	290	29 B	57.5S	72.1W	292	31 A	55.0S	61.9W	294	33 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 24S				06 GMT				12 GMT				18 GMT								
00 GMT				MPS R				MPS R				MPS R								
APR 19 66	46.8S	84.2W	21	17	A	43.8S	85.9W	15	13	B	41.7S	86.2W	353	9	A	40.3S	85.4W	319	7	A
APR 20 66	39.6S	83.8W	290	8	B	39.2S	81.6W	276	10	B	39.1S	79.1W	270	10	A	39.2S	76.6W	268	10	A
APR 21 66	39.2S	74.1W	271	9	A	39.1S	72.1W	276	7	B	38.9S	70.5W	275	5	A	38.9S	69.5W	261	3	A
APR 22 66	39.2S	68.9W	201	2	A	39.8S	69.0W	168	3	B	40.3S	69.2W	164	2	A	40.4S	69.1W	321	2	A
APR 23 66	39.6S	68.4W	327	9	A	37.7S	66.8W	325	15	B	35.1S	64.3W	321	18	A	32.5S	61.5W	313	17	A
APR 24 66	30.7S	58.5W	296	14	A	30.1S	55.7W	273	12	B	30.3S	53.3W	257	10	C	30.7S	51.5W	255	7	C
APR 25 66	30.8S	50.5W	303	3	B	30.1S	50.3W	3	5	B	28.9S	50.4W	2	7	A	27.6S	50.2W	333	6	A
APR 26 66	26.9S	49.0W	283	9	A	26.9S	46.3W	263	16	B	27.6S	42.1W	257	22	A	28.8S	36.7W	255	28	A
APR 27 66	30.2S	30.3W	256	31	A	31.7S	23.2W	258	33	B	32.9S	15.7W	262	32	A	33.2S	8.5W	271	30	A
APR 28 66	32.4S	2.1W	287	27	B	30.3S	3.3E	302	26	A	27.4S	8.3E	303	28	A	24.7S	13.8E	293	31	B
APR 29 66	23.0S	20.8E	277	38	B	22.9S	30.0E	265	48	C	24.3S	40.8E	260	55	C	26.4S	52.7E	258	57	B
APR 30 66	28.8S	64.8E	257	56	A	31.1S	76.7E	258	53	A	33.1S	88.2E	259	50	A	34.9S	99.3E	259	47	B
MAY 1 66	36.5S	110.1E	260	44	B	37.9S	120.4E	261	42	C	39.0S	130.3E	262	39	C	39.9S	139.9E	263	37	C
MAY 2 66	40.7S	149.2E	265	36	D	41.2S	158.2E	266	34	D	41.5S	166.8E	268	33	D	41.7S	175.1E	270	32	D
MAY 3 66	41.6S	176.8W	271	31	D	41.4S	168.9W	273	30	D	41.0S	161.4W	275	29	D	40.5S	154.0W	276	29	D
MAY 4 66	39.8S	146.9W	278	28	D	39.0S	140.0W	279	28	C	38.1S	133.2W	281	28	C	36.9S	126.6W	283	28	C
MAY 5 66	35.7S	120.1W	285	28	B	34.2S	113.7W	286	28	B	32.6S	107.4W	287	28	A	31.1S	101.3W	286	28	A
MAY 6 66	29.7S	95.4W	285	27	B	28.4S	89.7W	282	26	B	27.5S	84.0W	278	27	A	27.0S	78.1W	273	28	A
MAY 7 66	27.0S	71.8W	267	30	A	27.6S	64.8W	262	34	B	28.7S	57.0W	260	38	A	30.1S	48.4W	260	41	A
MAY 8 66	31.6S	38.7W	260	45	A	33.0S	28.0W	261	48	B	34.4S	16.6W	262	50	A	35.8S	5.0W	262	49	A
MAY 9 66	37.0S	6.4E	262	46	B	38.3S	17.2E	262	43	B	39.4S	27.6E	262	40	C	40.5S	37.4E	262	38	C
MAY 10 66	41.5S	47.0E	262	37	C	42.5S	56.4E	262	35	D	43.4S	65.5E	262	34	D	44.3S	74.5E	263	33	D
MAY 11 66	45.0S	83.2E	263	32	D	45.7S	91.7E	263	30	D	46.4S	99.9E	264	29	D	46.9S	108.0E	264	28	D
MAY 12 66	47.4S	116.0E	265	27	D	47.9S	123.8E	266	27	D	48.2S	131.4E	266	26	D	48.5S	139.0E	267	26	D
MAY 13 66	48.7S	146.4E	268	25	D	48.9S	153.8E	269	25	D	49.0S	161.1E	269	25	D	49.0S	168.4E	270	24	D
MAY 14 66	48.9S	175.6E	271	24	D	48.8S	177.1W	272	24	D	48.6S	169.9W	273	25	D	48.3S	162.7W	274	25	D
MAY 15 66	48.0S	155.3W	275	25	D	47.5S	148.0W	275	26	D	47.0S	140.5W	276	26	D	46.5S	133.0W	277	27	D
MAY 16 66	45.8S	125.5W	277	27	D	45.1S	117.8W	278	28	D	44.3S	110.0W	278	29	C	43.4S	102.0W	279	31	C
MAY 17 66	42.5S	93.7W	279	33	C	41.4S	84.9W	279	35	B	40.3S	76.0W	280	35	B	39.1S	67.3W	280	35	A
MAY 18 66	37.9S	58.9W	281	33	A	36.6S	51.2W	283	31	B	35.2S	44.3W	284	28	A	33.9S	38.2W	285	25	A
MAY 19 66	32.7S	33.0W	287	21	B	31.5S	28.6W	288	18	B	30.5S	24.8W	287	18	A	29.6S	20.8W	283	19	A
MAY 20 66	28.8S	16.2W	280	24	B	28.1S	10.5W	277	28	B	27.4S	4.0W	276	32	A	26.9S	3.1E	275	33	A
MAY 21 66	26.3S	10.4E	275	33	B	25.8S	17.5E	275	33	B	25.2S	24.6E	275	33	C	24.7S	31.6E	275	33	C
MAY 22 66	24.2S	38.7E	274	34	C	23.7S	45.9E	274	34	D	23.2S	53.2E	274	35	D	22.8S	60.5E	274	35	D
MAY 23 66	22.3S	67.9E	273	35	D	21.9S	75.4E	273	36	D	21.5S	82.9E	273	36	D	21.2S	90.4E	273	36	D
MAY 24 66	20.8S	97.9E	273	36	D	20.5S	105.4E	273	37	D	20.2S	113.0E	272	37	D	19.9S	120.6E	272	37	D
MAY 25 66	19.7S	128.3E	272	37	D	19.4S	135.9E	272	37	D	19.2S	143.5E	272	37	D	19.0S	151.2E	271	37	C
MAY 26 66	18.9S	158.8E	271	37	C	18.8S	166.5E	271	37	C	18.7S	174.1E	271	37	B	18.6S	178.3W	271	37	B
MAY 27 66	18.5S	170.7W	270	37	A	18.5S	163.1W	270	37	A	18.5S	155.6W	270	36	B	18.5S	148.2W	270	36	C
MAY 28 66	18.6S	141.0W	270	35	C	18.6S	134.0W	269	34	C	18.7S	127.2W	269	32	D	18.8S	120.8W	269	31	D
MAY 29 66	18.9S	114.7W	269	29	D	19.0S	108.9W	269	27	C	19.1S	103.7W	269	24	C	19.2S	99.0W	268	21	C
MAY 30 66	19.3S	95.0W	268	18	B	19.4S	91.7W	267	14	B	19.6S	89.0W	267	12	A	19.7S	86.8W	268	10	A
MAY 31 66	19.7S	84.9W	271	9	A	19.6S	83.1W	273	9	B	19.5S	80.8W	271	13	A	19.6S	77.5W	268	20	A
JUN 1 66	19.9S	72.4W	266	30	B	20.4S	65.1W	265	40	B	21.2S	55.8W	265	49	A	22.1S	44.7W	265	57	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 24S		00 GMT				06 GMT				12 GMT				18 GMT			
				MPS R				MPS R				MPS R				MPS R	
JUN	2 66	23.0S	32.2W	266	62 A	23.9S	18.7W	266	65 B	24.8S	4.8W	266	64 A	25.7S	8.5E	266	60 A
JUN	3 66	26.6S	20.6E	264	51 B	27.6S	30.8E	263	43 A	28.5S	39.6E	264	38 A	29.1S	48.0E	267	37 B
JUN	4 66	29.3S	56.5E	271	40 A	28.9S	65.9E	274	45 A	28.2S	76.3E	275	50 A	27.4S	87.8E	273	55 B
JUN	5 66	27.1S	100.2E	270	59 B	27.3S	113.7E	267	63 C	28.2S	127.7E	265	65 C	29.4S	142.0E	263	64 C
JUN	6 66	31.0S	156.1E	262	62 C	32.8S	169.7E	261	58 B	34.4S	177.4W	262	53 B	35.6S	165.5W	265	48 A
JUN	7 66	35.8S	154.6W	272	43 A	34.8S	145.0W	283	39 A	32.2S	136.9W	299	37 B	27.7S	130.5W	319	39 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



200MB GHOST BALLOON 30C

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R					
MAY 10 66	41.7S	173.8W	170	44	A	49.5S	175.0W	185	35	A	55.5S	172.0W	209	30	B	59.6S	165.3W	231	28	C
MAY 11 66	62.2S	155.6W	250	28	C	63.4S	143.3W	265	31	C	63.4S	129.3W	275	34	C	62.3S	114.0W	282	38	C
MAY 12 66	60.3S	98.1W	287	43	B	57.6S	82.2W	290	46	B	54.4S	67.0W	292	47	A	50.8S	53.3W	294	46	A
MAY 13 66	47.1S	41.8W	298	40	B	43.4S	33.1W	305	33	B	39.9S	27.5W	317	24	A	36.6S	25.0W	347	17	A
MAY 14 66	33.6S	25.6W	35	17	B	31.0S	29.4W	61	26	B	28.8S	35.6W	72	33	A	26.9S	43.2W	76	38	A
MAY 15 66	25.3S	51.3W	78	38	B	23.9S	59.1W	79	36	B	22.7S	66.1W	79	31	A	21.7S	71.8W	78	24	A
MAY 16 66	20.8S	75.6W	74	14	A	20.1S	77.4W	46	5	B	19.6S	77.0W	291	7	B	19.2S	74.8W	276	15	C
MAY 17 66	18.9S	70.9W	273	23	C	18.8S	65.4W	271	30	C	18.8S	58.4W	270	37	D	18.9S	50.1W	269	44	D
MAY 18 66	19.1S	40.5W	269	50	D	19.3S	29.6W	268	56	D	19.7S	17.6W	268	61	D	20.2S	4.6W	268	65	D
MAY 19 66	20.7S	9.3E	268	69	D	21.3S	24.1E	268	73	D	21.9S	39.5E	267	75	D	22.6S	55.6E	267	78	D
MAY 20 66	23.3S	72.2E	267	80	D	24.1S	89.2E	267	81	D	24.8S	106.6E	267	82	D	25.6S	124.2E	267	82	D
MAY 21 66	26.4S	141.9E	267	82	D	27.2S	159.6E	267	81	D	28.0S	177.3E	267	80	C	28.7S	165.2W	267	78	C
MAY 22 66	29.5S	148.0W	267	76	C	30.1S	131.2W	267	74	B	30.8S	114.8W	267	71	B	31.4S	99.0W	268	68	A
MAY 23 66	31.9S	83.7W	268	65	A	32.4S	69.2W	268	62	B	32.8S	55.3W	268	59	C	33.2S	41.9W	268	56	C
MAY 24 66	33.5S	29.2W	268	53	C	33.8S	17.0W	269	51	C	34.0S	5.4W	269	49	D	34.2S	5.8E	269	46	D
MAY 25 66	34.4S	16.4E	269	44	D	34.5S	26.7E	269	42	D	34.6S	36.4E	270	41	D	34.6S	45.8E	270	39	D
MAY 26 66	34.6S	54.8E	270	37	D	34.6S	63.4E	270	36	D	34.5S	71.6E	270	34	D	34.5S	79.6E	271	33	D
MAY 27 66	34.4S	87.2E	271	32	D	34.3S	94.6E	271	31	D	34.2S	101.7E	271	30	D	34.0S	108.6E	271	29	D
MAY 28 66	33.9S	115.3E	272	28	D	33.8S	121.8E	272	28	D	33.6S	128.2E	272	27	D	33.4S	134.4E	272	27	D
MAY 29 66	33.3S	140.5E	272	26	D	33.1S	146.6E	272	26	D	33.0S	152.5E	272	26	D	32.9S	158.5E	272	26	D
MAY 30 66	32.7S	164.4E	271	26	D	32.6S	170.3E	271	26	D	32.5S	176.3E	271	26	D	32.4S	177.7W	271	26	D
MAY 31 66	32.4S	171.6W	271	27	D	32.3S	165.4W	270	27	D	32.3S	159.1W	270	28	D	32.3S	152.6W	270	29	D
JUN 1 66	32.4S	146.0W	269	29	D	32.5S	139.1W	269	30	D	32.6S	132.1W	269	31	D	32.7S	124.8W	269	32	D
JUN 2 66	32.9S	117.2W	268	33	D	33.1S	109.5W	268	34	C	33.3S	101.4W	268	36	C	33.6S	92.9W	267	38	C
JUN 3 66	34.1S	83.9W	266	40	B	34.7S	74.3W	265	41	B	35.3S	64.4W	266	42	A	35.8S	54.4W	267	42	A
JUN 4 66	36.0S	44.6W	270	40	B	35.9S	35.2W	273	38	B	35.2S	26.2W	277	37	A	34.2S	17.8W	281	35	A
JUN 5 66	32.6S	10.0W	286	34	B	30.5S	2.8W	290	33	A	28.2S	4.1E	291	34	A	25.9S	11.1E	289	36	A
JUN 6 66	23.9S	18.8E	284	39	B	22.3S	27.4E	279	44	B	21.2S	36.9E	276	48	C	20.5S	47.2E	273	51	C
JUN 7 66	20.0S	58.0E	272	54	C	19.8S	69.3E	271	56	D	19.8S	81.1E	270	58	D	20.0S	93.2E	269	60	D
JUN 8 66	20.4S	105.8E	268	62	D	21.0S	118.7E	267	63	D	21.8S	132.0E	266	64	C	22.8S	145.6E	265	65	C
JUN 9 66	23.9S	159.4E	265	66	C	25.1S	173.4E	264	66	B	26.4S	172.5W	264	66	B	27.8S	158.2W	263	65	A
JUN 10 66	29.3S	143.9W	263	65	A	30.9S	129.5W	263	64	B	32.5S	115.2W	262	63	B	34.1S	100.9W	262	61	C
JUN 11 66	35.7S	86.8W	262	59	C	37.3S	72.7W	262	58	C	38.9S	58.9W	262	56	D	40.5S	45.3W	262	53	D
JUN 12 66	41.9S	32.0W	262	51	D	43.3S	18.9W	262	49	D	44.6S	6.3W	262	46	D	45.8S	6.0E	262	44	D
JUN 13 66	46.8S	17.8E	263	41	D	47.7S	29.1E	264	39	D	48.4S	39.9E	265	36	D	49.0S	50.2E	266	34	D
JUN 14 66	49.3S	59.8E	268	31	D	49.4S	68.8E	270	29	D	49.3S	77.1E	273	27	D	49.0S	84.6E	276	24	C
JUN 15 66	48.3S	91.3E	280	22	C	47.4S	97.3E	286	20	C	46.2S	102.3E	294	18	B	44.6S	106.5E	303	16	B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 41W

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
JUN 18 66	44.8S	141.2W	267	63 A	45.6S	124.5W	271	49 B	44.5S	113.4W	287	33 A	42.0S	107.0W	313	23 A
JUN 19 66	38.5S	104.3W	347	20 A	34.4S	104.4W	14	23 B	30.1S	106.5W	29	25 A	25.9S	109.7W	38	26 A
JUN 20 66	22.4S	113.0W	42	22 A	19.7S	115.6W	45	16 B	18.1S	117.5W	48	9 A	17.4S	118.4W	60	2 A
JUN 21 66	17.6S	118.2W	222	5 A	18.8S	117.0W	227	12 B	20.6S	114.9W	228	16 A	22.9S	112.0W	230	19 A
JUN 22 66	25.4S	108.7W	231	21 A	27.9S	105.0W	235	21 B	30.1S	101.1W	241	20 A	31.6S	97.0W	252	20 A
JUN 23 66	32.3S	92.6W	268	19 A	31.9S	88.1W	282	20 B	30.8S	83.8W	289	19 A	29.6S	80.2W	291	15 A
JUN 24 66	28.9S	77.6W	282	9 A	28.9S	76.3W	241	4 B	29.5S	75.7W	206	4 A	30.4S	75.2W	219	5 A
JUN 25 66	31.0S	74.0W	254	8 A	31.2S	71.5W	269	14 B	31.2S	67.8W	272	18 A	31.1S	63.2W	270	22 A
JUN 26 66	31.3S	57.9W	265	25 A	32.0S	52.2W	262	26 B	32.7S	46.1W	263	27 A	33.1S	39.9W	269	27 A
JUN 27 66	32.7S	33.7W	280	27 B	31.3S	27.8W	290	27 B	29.4S	22.4W	296	25 A	27.3S	17.9W	298	21 A
JUN 28 66	25.7S	14.5W	295	14 B	25.1S	12.6W	282	6 B	25.1S	11.9W	196	2 A	25.6S	12.3W	126	5 A
JUN 29 66	26.1S	13.5W	108	8 B	26.4S	15.4W	94	10 B	26.4S	17.6W	84	11 A	25.9S	19.9W	72	11 A
JUN 30 66	25.0S	22.2W	57	12 B	23.5S	24.0W	43	11 B	21.9S	25.5W	33	10 A	20.4S	26.3W	22	7 A
JUL 1 66	19.6S	26.4W	334	2 B	19.6S	25.8W	250	5 B	20.2S	24.3W	246	10 C	21.2S	21.8W	251	15 C
JUL 2 66	22.1S	18.3W	258	20 C	22.7S	13.7W	263	24 C	23.3S	8.3W	263	27 D	24.0S	2.3W	260	29 C
JUL 3 66	25.3S	4.0E	255	31 C	27.1S	10.3E	250	31 C	29.2S	16.7E	249	30 C	31.1S	23.0E	254	29 B
JUL 4 66	32.3S	29.3E	263	28 B	32.4S	35.7E	274	28 A	31.6S	42.3E	280	30 A	30.4S	49.3E	282	33 B
JUL 5 66	29.0S	56.8E	281	36 B	27.7S	65.1E	279	39 A	26.8S	73.8E	276	41 A	26.2S	82.8E	272	42 B
JUL 6 66	26.1S	91.8E	269	41 A	26.5S	100.4E	265	39 A	27.4S	108.7E	262	38 A	28.4S	116.7E	261	36 B
JUL 7 66	29.4S	124.4E	262	34 B	30.1S	131.8E	264	33 C	30.7S	139.0E	266	32 B	30.9S	146.2E	269	32 A
JUL 8 66	30.9S	153.6E	271	33 A	30.6S	161.2E	273	35 A	30.1S	169.2E	275	36 B	29.4S	177.6E	275	38 B
JUL 9 66	28.7S	173.7W	275	41 C	28.0S	164.5W	275	43 C	27.4S	154.7W	272	46 C	27.3S	144.3W	269	49 C
JUL 10 66	27.9S	133.2W	265	53 B	29.2S	121.2W	261	56 B	31.0S	108.6W	259	58 A	33.2S	95.4W	259	59 A
JUL 11 66	35.4S	81.8W	259	59 A	37.3S	68.1W	262	56 B	38.5S	54.9W	266	51 A	38.5S	43.3W	275	43 A
JUL 12 66	37.0S	34.0W	292	35 B	33.6S	27.6W	314	30 B	29.1S	23.8W	333	27 A	24.4S	21.9W	346	24 A
JUL 13 66	20.4S	21.1W	353	18 B	17.8S	20.8W	353	10 B	16.4S	20.4W	319	5 A	16.1S	19.2W	265	9 A
JUL 14 66	16.6S	16.6W	256	18 B	17.7S	12.2W	256	26 A	19.1S	6.3W	256	33 A	20.6S	.6E	258	36 A
JUL 15 66	22.0S	8.1E	260	37 B	23.1S	15.8E	262	37 A	24.0S	23.6E	264	38 A	24.7S	31.7E	265	39 B
JUL 16 66	25.3S	40.3E	266	41 B	25.9S	49.4E	266	44 A	26.5S	59.1E	266	46 A	27.1S	69.5E	266	49 B
JUL 17 66	27.8S	80.5E	266	52 B	28.7S	92.3E	265	55 C	29.7S	104.8E	264	58 B	31.0S	118.1E	263	61 B
JUL 18 66	32.6S	132.2E	261	63 A	34.6S	146.9E	260	65 A	36.6S	162.3E	261	65 B	38.5S	178.0E	262	64 A
JUL 19 66	39.8S	166.1W	266	63 A	40.3S	150.3W	270	61 A	40.0S	135.1W	274	58 B	39.0S	121.1W	278	53 C
JUL 20 66	37.1S	108.9W	284	47 B	34.7S	99.0W	291	39 B	31.7S	91.5W	300	32 A	28.4S	86.3W	313	25 A
JUL 21 66	25.1S	83.4W	334	19 A	21.9S	82.6W	360	16 B	19.1S	83.1W	15	14 A	16.8S	83.8W	16	10 A
JUL 22 66	15.4S	83.8W	326	6 A	14.9S	82.5W	272	10 B	15.1S	80.0W	262	14 A	15.6S	77.2W	260	14 A
JUL 23 66	16.0S	74.5W	265	12 A	15.9S	72.5W	278	8 B	15.6S	71.0W	290	7 B	15.1S	69.8W	294	7 C
JUL 24 66	14.6S	68.4W	287	8 B	14.2S	66.8W	279	9 B	14.0S	64.7W	273	12 A	13.9S	62.1W	270	15 A
JUL 25 66	14.0S	58.8W	269	18 A	14.1S	55.0W	269	20 B	14.1S	50.9W	271	21 A	13.9S	46.8W	275	20 A
JUL 26 66	13.3S	43.1W	284	17 A	12.3S	40.2W	297	14 B	10.9S	38.0W	309	12 A	9.4S	36.5W	319	10 A
JUL 27 66	8.0S	35.4W	328	8 A	6.9S	34.8W	326	5 B	6.3S	34.1W	289	5 A	6.4S	32.8W	256	9 A
JUL 28 66	7.2S	30.6W	246	16 B	8.8S	27.1W	244	23 B	11.0S	22.6W	243	27 C	13.4S	17.8W	243	27 B
JUL 29 66	15.6S	13.3W	244	23 B	17.3S	9.4W	247	19 A	18.6S	6.1W	251	16 A	19.4S	3.1W	256	15 A
JUL 30 66	19.9S	.1W	262	15 B	20.3S	3.2E	265	17 A	20.6S	7.0E	266	20 A	20.9S	11.7E	265	25 B
JUL 31 66	21.5S	17.4E	263	31 B	22.5S	24.5E	261	37 C	23.7S	32.5E	260	39 C	25.2S	40.7E	258	39 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 41W

		00 GMT		MPS	R	06 GMT		MPS	R	12 GMT		MPS	R	18 GMT		MPS	R			
AUG 1 66	26.8S	48.7E	256	36	B	28.5S	56.1E	256	34	A	29.8S	63.3E	260	33	A	30.5S	70.8E	269	35	B
AUG 2 66	30.0S	79.3E	278	41	A	28.2S	89.1E	284	49	A	25.9S	100.0E	283	54	B	23.9S	111.7E	278	56	B
AUG 3 66	23.3S	123.7E	268	57	A	24.5S	135.6E	260	57	A	26.8S	147.4E	257	54	B	28.7S	158.7E	262	50	A
AUG 4 66	29.0S	169.4E	276	47	A	26.9S	179.4E	290	46	A	23.2S	171.7W	298	45	B	19.2S	163.9W	299	39	A
AUG 5 66	16.2S	157.7W	292	29	A	15.2S	153.0W	273	20	A	15.5S	149.4W	257	17	B	16.3S	146.0W	257	17	A
AUG 6 66	16.7S	142.4W	271	20	A	16.1S	137.9W	283	24	A	14.8S	133.0W	286	26	B	13.6S	128.2W	282	23	A
AUG 7 66	13.1S	124.0W	269	18	A	13.8S	120.8W	246	16	B	15.5S	117.7W	239	20	A	17.7S	113.6W	244	27	A
AUG 8 66	19.9S	107.3W	254	39	A	21.8S	98.3W	260	49	B	23.0S	87.6W	265	52	A	23.3S	76.9W	271	48	A
AUG 9 66	22.5S	67.7W	282	38	A	20.4S	61.4W	298	27	B	17.7S	57.6W	317	20	A	15.0S	55.7W	336	13	A
AUG 10 66	13.1S	55.2W	357	6	A	12.6S	55.3W	106	1	B	13.1S	55.3W	209	5	A	14.2S	54.0W	238	12	A
AUG 11 66	15.5S	50.7W	255	24	B	16.5S	44.8W	262	35	B	17.3S	37.0W	265	41	A	17.9S	28.8W	266	40	A
AUG 12 66	18.4S	21.1W	266	34	B	18.9S	15.1W	265	26	A	19.4S	10.4W	262	21	A	20.1S	6.4W	257	19	A
AUG 13 66	21.2S	2.5W	252	21	B	22.6S	1.9E	250	23	A	24.1S	6.6E	253	24	A	25.3S	11.6E	260	24	A
AUG 14 66	25.7S	16.9E	271	25	B	25.1S	22.3E	281	26	A	24.1S	27.8E	281	27	A	23.4S	33.7E	273	29	B
AUG 15 66	23.7S	40.0E	260	31	A	25.5S	46.8E	250	35	A	28.0S	54.4E	250	39	A	30.3S	63.1E	257	43	B
AUG 16 66	31.3S	73.2E	270	48	B	30.3S	84.9E	279	56	A	28.2S	97.8E	282	61	A	25.8S	111.2E	279	63	B
AUG 17 66	24.5S	124.5E	272	61	A	24.9S	137.3E	265	59	A	26.3S	149.8E	262	57	B	27.8S	162.0E	264	56	A
AUG 18 66	28.3S	174.4E	272	57	A	27.1S	173.1W	280	58	A	24.7S	161.2W	285	55	B	22.0S	150.7W	287	47	A
AUG 19 66	19.7S	142.5W	286	34	A	18.5S	137.2W	280	20	A	18.3S	133.9W	267	13	A	18.7S	131.4W	255	12	A
AUG 20 66	19.4S	128.5W	256	17	A	20.3S	124.3W	259	24	B	21.2S	118.8W	259	30	A	22.5S	112.2W	258	35	A
AUG 21 66	24.1S	104.7W	256	38	A	26.1S	96.4W	255	41	B	28.2S	87.5W	256	43	A	30.0S	78.0W	260	45	A
AUG 22 66	31.2S	67.8W	265	46	A	31.4S	57.0W	271	49	B	31.0S	45.6W	273	51	A	30.4S	33.7W	274	54	A
AUG 23 66	29.9S	21.4W	272	56	B	29.8S	8.8W	270	56	A	29.9S	3.4E	269	53	A	30.1S	14.7E	269	47	A
AUG 24 66	30.0S	24.4E	272	39	B	29.5S	32.0E	277	30	A	28.8S	37.7E	281	23	A	27.9S	42.1E	283	18	A
AUG 25 66	27.3S	45.5E	281	14	B	27.0S	48.4E	273	13	A	27.0S	51.5E	265	16	A	27.5S	55.5E	260	22	A
AUG 26 66	28.5S	61.2E	259	31	A	29.9S	69.1E	260	41	A	31.2S	79.1E	263	48	A	32.0S	90.7E	268	54	B
AUG 27 66	31.8S	103.6E	274	59	A	30.3S	117.4E	279	63	A	28.1S	131.7E	280	67	A	25.9S	146.3E	278	69	A
AUG 28 66	24.5S	161.0E	273	68	A	24.4S	175.3E	268	65	A	25.2S	171.3W	265	60	B	26.1S	159.1W	266	52	A
AUG 29 66	26.3S	148.8W	272	43	A	25.4S	140.7W	282	34	A	23.8S	134.3W	289	28	A	22.0S	129.1W	290	24	A
AUG 30 66	20.6S	124.6W	282	22	A	20.4S	120.0W	263	23	B	22.0S	114.8W	244	30	A	25.8S	108.4W	231	43	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 51P

		00 GMT				06 GMT				12 GMT				18 GMT						
				MPS	R			MPS	R			MPS	R			MPS	R			
SEP 26 66	46.2S	153.5W	225	44	A	51.9S	145.2W	225	37	A	56.5S	137.0W	227	31	B	60.1S	129.1W	231	26	A
SEP 27 66	62.8S	121.6W	237	21	A	64.5S	114.5W	245	17	B	65.5S	108.0W	257	14	B	65.7S	102.1W	274	12	C
SEP 28 66	65.2S	97.0W	292	11	C	64.2S	92.7W	309	11	B	62.6S	89.1W	321	12	B	60.5S	86.3W	330	13	A
SEP 29 66	58.2S	84.0W	337	14	A	55.8S	82.2W	339	14	B	53.4S	80.5W	334	13	A	51.4S	78.5W	320	11	A
SEP 30 66	50.1S	75.8W	292	12	A	49.7S	72.0W	271	14	B	49.9S	67.2W	264	17	A	50.3S	61.6W	264	20	A
OCT 1 66	50.6S	55.4W	269	21	B	50.4S	48.8W	274	23	B	50.0S	41.5W	275	25	A	49.7S	33.6W	273	28	A
OCT 2 66	49.6S	24.7W	269	31	B	49.9S	14.9W	265	34	A	50.7S	4.1W	262	37	A	51.8S	7.4E	260	38	A
OCT 3 66	53.3S	19.7E	258	39	A	54.9S	32.5E	258	39	A	56.4S	45.4E	259	37	A	57.6S	58.0E	262	34	A
OCT 4 66	58.1S	69.8E	269	31	A	57.8S	80.6E	277	28	A	56.9S	90.1E	284	26	A	55.5S	98.3E	289	23	B
OCT 5 66	54.0S	105.2E	292	20	B	52.6S	110.8E	294	17	C	51.3S	115.2E	298	14	C	50.0S	118.6E	302	12	C
OCT 6 66	48.9S	121.3E	306	10	C	47.7S	123.6E	308	9	C	46.7S	125.5E	307	8	B	45.8S	127.3E	300	7	B
OCT 7 66	45.3S	129.0E	287	7	A	45.1S	130.9E	276	7	A	44.9S	133.1E	278	9	B	44.5S	135.9E	286	12	A
OCT 8 66	43.5S	139.4E	295	17	A	41.7S	143.9E	299	21	A	39.6S	149.2E	296	25	B	37.7S	155.0E	290	26	A
OCT 9 66	36.4S	161.2E	279	26	A	36.1S	167.5E	267	27	A	36.8S	174.0E	258	28	B	38.2S	179.4W	252	28	A
OCT 10 66	40.2S	172.7W	247	29	A	42.5S	165.8W	245	29	A	44.9S	158.8W	245	29	B	47.1S	151.5W	249	28	B
OCT 11 66	48.7S	144.0W	256	27	A	49.6S	136.1W	264	27	A	49.8S	127.8W	271	28	B	49.5S	118.9W	276	31	A
OCT 12 66	48.7S	109.4W	279	34	A	47.6S	99.3W	279	37	B	46.6S	88.5W	277	39	A	46.0S	77.3W	272	41	A
OCT 13 66	46.2S	65.8W	264	41	A	47.6S	54.2W	257	41	A	49.8S	42.6W	252	40	A	52.4S	31.3W	248	38	A
OCT 14 66	55.1S	20.5W	247	34	B	57.4S	10.3W	248	30	A	59.4S	.5W	251	27	A	60.8S	9.2E	257	25	A
OCT 15 66	61.7S	19.1E	264	25	B	61.8S	29.5E	270	26	A	61.7S	40.8E	271	29	A	61.7S	53.2E	268	32	B
OCT 16 66	62.3S	67.2E	262	36	A	63.5S	83.0E	259	39	A	65.0S	100.2E	260	39	A	66.0S	118.5E	267	39	B
OCT 17 66	65.7S	137.5E	278	41	A	63.7S	156.6E	287	45	A	60.9S	175.0E	288	47	B	58.6S	168.1W	282	43	A
OCT 18 66	57.7S	153.9W	267	35	A	59.3S	142.7W	243	29	A	62.5S	133.4W	228	28	A	66.3S	124.5W	225	27	A
OCT 19 66	69.6S	114.4W	235	25	A	71.6S	101.9W	254	23	B	72.1S	87.7W	273	23	A	71.2S	72.5W	287	26	A
OCT 20 66	69.1S	57.5W	298	31	A	65.9S	43.1W	301	34	A	62.4S	29.4W	298	36	A	59.7S	15.9W	287	37	B
OCT 21 66	58.5S	2.4W	270	37	B	59.5S	11.6E	256	38	A	61.5S	25.7E	254	36	A	62.9S	39.7E	265	33	A
OCT 22 66	62.2S	53.3E	290	34	A	58.4S	66.3E	306	43	A	53.1S	78.8E	306	47	A	48.3S	91.0E	294	46	B
OCT 23 66	46.4S	103.3E	269	44	A	48.6S	115.9E	245	48	A	53.5S	128.9E	236	49	A	58.6S	142.6E	239	44	A
OCT 24 66	61.6S	157.1E	260	38	A	60.9S	172.4E	288	40	A	57.1S	173.3W	304	44	B	51.8S	162.4W	317	40	A
OCT 25 66	46.3S	156.9W	345	27	A	41.9S	158.1W	36	24	A	38.8S	163.2W	62	26	B	37.2S	168.4W	77	17	A
OCT 26 66	37.3S	169.9W	232	9	A	39.1S	164.9W	249	33	A	41.5S	155.3W	254	44	B	43.4S	143.8W	261	43	A
OCT 27 66	43.6S	133.3W	279	34	A	41.4S	126.1W	307	27	A	37.6S	121.7W	327	25	A	33.7S	119.1W	335	20	A
OCT 28 66	30.9S	117.4W	320	12	A	30.2S	115.5W	259	10	B	31.3S	113.0W	235	15	A	33.3S	109.7W	236	20	A
OCT 29 66	35.5S	105.2W	245	24	A	37.2S	99.2W	255	28	B	38.2S	92.3W	262	29	A	38.7S	85.1W	269	29	A
OCT 30 66	38.5S	78.1W	275	27	A	37.9S	71.6W	279	27	B	37.1S	64.5W	275	32	A	36.8S	55.6W	269	42	A
OCT 31 66	37.5S	43.5W	263	58	A	39.5S	27.4W	260	71	B	42.2S	9.0W	259	74	A	44.7S	9.7E	261	67	A
NOV 1 66	46.1S	26.4E	266	54	B	45.9S	39.5E	276	40	A	44.6S	48.7E	288	29	A	42.7S	54.4E	303	18	B
NOV 2 66	40.9S	56.8E	334	9	A	39.7S	56.6E	50	7	A	39.2S	54.8E	79	9	A	39.1S	52.7E	91	7	B
NOV 3 66	39.2S	51.8E	194	1	A	39.4S	52.9E	262	8	A	39.6S	55.5E	265	12	A	39.8S	58.7E	267	12	B
NOV 4 66	39.8S	61.4E	272	9	A	39.7S	63.1E	281	6	A	39.4S	64.5E	282	7	A	39.2S	66.7E	276	12	B
NOV 5 66	39.0S	70.7E	271	21	A	39.0S	77.2E	270	30	A	39.0S	85.5E	269	35	A	39.1S	94.4E	270	35	B
NOV 6 66	39.0S	102.7E	271	31	A	38.9S	109.7E	273	25	A	38.6S	115.6E	273	22	B	38.5S	121.1E	271	22	A
NOV 7 66	38.5S	126.6E	267	23	A	38.9S	132.8E	264	26	A	39.5S	139.3E	264	27	B	40.0S	145.9E	264	26	A
NOV 8 66	40.4S	152.4E	267	24	A	40.4S	158.4E	271	23	A	40.2S	164.1E	276	22	B	39.6S	169.7E	280	23	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 51P  
00 GMT

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
NOV 9 66	38.7S	175.6E	282	25 A	37.5S	178.1W	284	27 A	36.3S	171.8W	284	27 B	35.1S	165.7W	282	25 A
NOV 10 66	34.3S	160.3W	278	21 A	33.9S	155.7W	272	18 A	34.0S	151.5W	265	18 B	34.5S	147.1W	261	20 A
NOV 11 66	35.2S	141.9W	260	25 B	36.2S	135.5W	260	29 B	37.2S	128.3W	260	31 C	38.3S	120.7W	260	31 C
NOV 12 66	39.2S	113.3W	261	28 B	39.9S	106.6W	263	25 B	40.5S	100.6W	263	23 A	41.0S	94.9W	263	21 A
NOV 13 66	41.6S	89.6W	262	20 A	42.2S	84.3W	261	21 B	42.8S	78.4W	262	25 A	43.4S	71.1W	264	31 A
NOV 14 66	44.0S	61.6W	266	40 A	44.6S	49.5W	267	48 B	45.0S	35.9W	268	50 A	45.3S	22.3W	268	48 A
NOV 15 66	45.5S	10.1W	269	39 B	45.6S	.5W	269	30 A	45.7S	6.5E	269	21 A	45.8S	11.3E	267	14 A
NOV 16 66	46.0S	14.4E	261	9 B	46.3S	16.2E	251	5 A	46.5S	17.1E	254	2 A	46.4S	17.5E	319	2 A
NOV 17 66	45.8S	18.0E	335	5 B	44.6S	18.9E	333	9 A	42.9S	20.2E	326	11 A	41.3S	22.0E	316	11 A
NOV 18 66	40.0S	24.2E	298	11 B	39.4S	26.8E	278	11 A	39.4S	29.7E	264	12 B	39.8S	32.8E	256	13 B
NOV 19 66	40.5S	36.0E	251	14 A	41.4S	39.3E	250	14 A	42.4S	42.8E	250	15 A	43.3S	46.6E	253	15 B
NOV 20 66	44.1S	50.8E	258	17 A	44.6S	55.5E	263	18 A	45.0S	60.7E	267	20 A	45.1S	66.6E	270	22 B
NOV 21 66	45.0S	73.0E	272	24 A	44.8S	79.9E	274	27 A	44.4S	87.5E	274	29 A	43.9S	95.6E	274	31 B
NOV 22 66	43.5S	104.2E	274	33 B	43.1S	113.4E	273	36 C	42.9S	123.3E	271	39 B	42.8S	134.1E	270	42 B
NOV 23 66	42.8S	145.7E	269	46 A	43.0S	158.3E	269	48 A	43.1S	171.2E	270	48 B	42.9S	176.3W	273	45 A
NOV 24 66	42.2S	165.0W	278	40 A	40.9S	155.4W	283	35 A	39.3S	147.6W	284	28 B	38.4S	141.6W	277	21 A
NOV 25 66	38.5S	137.3W	250	15 A	40.3S	134.4W	217	15 B	43.0S	132.2W	210	17 A	45.7S	129.6W	223	17 A
NOV 26 66	47.4S	125.6W	254	18 A	47.6S	119.6W	277	24 B	46.6S	112.1W	284	29 A	45.1S	104.1W	284	30 A
NOV 27 66	44.1S	96.5W	278	26 A	43.8S	90.0W	267	22 B	44.4S	84.4W	259	20 A	45.3S	79.1W	255	20 A
NOV 28 66	46.3S	73.6W	257	21 A	47.1S	67.5W	263	23 B	47.3S	60.3W	272	28 A	46.6S	51.4W	280	35 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 52W

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
OCT 11 66	45.3S	178.0W	65	40 A	41.6S	172.7E	70	26 A	41.4S	168.9E	141	8 B	43.8S	169.8E	212	20 A
OCT 12 66	47.8S	174.3E	221	32 A	52.8S	178.4W	224	37 A	57.8S	169.4W	227	36 B	62.1S	159.6W	232	30 A
OCT 13 66	64.7S	150.0W	249	22 A	65.2S	141.3W	278	18 A	64.1S	133.4W	295	19 B	62.4S	126.1W	297	19 A
OCT 14 66	60.9S	119.1W	286	18 A	60.5S	112.0W	272	18 B	60.5S	104.7W	268	19 B	60.5S	97.1W	275	20 C
OCT 15 66	59.6S	88.8W	289	24 B	57.5S	79.9W	297	29 B	54.8S	70.4W	296	32 A	52.4S	60.8W	289	32 A
OCT 16 66	51.1S	51.3W	274	30 B	51.6S	42.1W	256	30 B	53.7S	33.0W	243	32 A	57.0S	23.5W	235	34 A
OCT 17 66	61.1S	13.3W	230	35 B	65.5S	2.2W	228	33 A	69.3S	9.2E	231	27 A	71.6S	20.2E	249	18 A
OCT 18 66	71.6S	30.0E	299	17 B	68.5S	38.2E	326	26 A	63.8S	45.8E	326	32 A	58.9S	54.1E	313	33 B
OCT 19 66	55.6S	64.5E	287	36 A	54.9S	78.0E	267	45 A	56.2S	94.4E	259	52 A	58.4S	113.6E	258	56 B
OCT 20 66	60.4S	135.1E	263	58 A	61.2S	158.3E	269	58 A	61.0S	178.7W	273	56 B	60.2S	158.0W	276	48 A
OCT 21 66	59.1S	141.9W	279	35 A	58.1S	131.9W	284	21 A	57.1S	126.4W	297	12 B	55.8S	123.3W	312	11 A
OCT 22 66	54.2S	120.2W	310	15 A	52.2S	115.4W	301	21 B	50.2S	108.9W	291	25 A	48.8S	101.3W	279	27 A
OCT 23 66	48.7S	93.0W	262	29 B	50.3S	84.7W	246	29 B	53.1S	76.9W	234	28 A	56.5S	70.1W	223	25 A
OCT 24 66	60.0S	65.1W	212	20 A	62.9S	61.9W	205	14 B	65.0S	59.2W	220	10 A	66.0S	55.2W	260	11 A
OCT 25 66	65.7S	47.9W	284	21 B	64.0S	36.1W	290	33 A	61.5S	20.5W	289	44 A	58.8S	2.4W	285	52 A
OCT 26 66	56.4S	17.0E	280	57 A	55.1S	36.6E	275	58 A	54.5S	55.8E	271	56 A	54.6S	73.9E	268	52 B
OCT 27 66	55.1S	90.5E	266	46 B	55.7S	104.8E	265	38 A	56.2S	116.4E	266	29 A	56.4S	124.8E	270	19 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 55M

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
OCT 14 66	39.9S	177.1E	341	24 A	35.9S	179.5E	331	20 A	33.0S	178.0W	319	17 B	31.0S	175.4W	302	15 A
OCT 15 66	29.9S	172.3W	283	15 A	29.6S	168.7W	269	18 A	30.1S	164.2W	260	22 B	31.1S	158.7W	255	27 A
OCT 16 66	32.8S	152.1W	253	33 A	34.8S	144.2W	252	38 A	37.3S	135.1W	251	41 B	39.9S	125.3W	251	42 A
OCT 17 66	42.6S	115.0W	251	42 A	45.3S	104.3W	251	41 B	47.8S	93.6W	252	39 A	49.9S	82.9W	254	37 A
OCT 18 66	51.7S	72.4W	257	34 B	52.9S	62.1W	261	32 B	53.6S	52.3W	265	29 C	53.9S	43.0W	270	27 C
OCT 19 66	53.7S	34.4W	274	25 B	53.2S	26.5W	279	23 B	52.4S	19.3W	283	22 A	51.3S	12.9W	287	20 A
OCT 20 66	50.0S	7.2W	291	19 B	48.6S	2.2W	294	18 B	47.2S	2.4E	296	17 C	45.8S	6.6E	296	17 C
OCT 21 66	44.5S	10.8E	293	16 C	43.3S	15.0E	288	17 C	42.5S	19.6E	278	19 C	42.4S	24.9E	267	22 C
OCT 22 66	43.1S	31.4E	257	27 B	44.7S	39.2E	251	32 B	47.0S	47.9E	249	34 A	49.3S	57.0E	250	33 A
OCT 23 66	51.2S	66.1E	255	30 B	52.2S	74.7E	264	26 A	52.3S	82.5E	277	23 A	51.2S	89.4E	293	22 B
OCT 24 66	48.9S	95.1E	310	23 B	45.6S	99.6E	322	24 C	42.0S	103.5E	321	23 C	38.9S	107.5E	306	21 C
OCT 25 66	37.4S	112.3E	277	23 C	37.9S	118.5E	256	28 C	39.7S	125.7E	250	32 B	41.8S	133.3E	252	31 B
OCT 26 66	43.0S	140.7E	265	27 A	42.7S	147.6E	281	25 A	41.6S	154.0E	284	25 B	40.7S	160.4E	274	25 A
OCT 27 66	41.2S	167.0E	253	27 A	43.8S	174.0E	238	32 A	47.5S	178.2W	235	35 B	51.1S	169.5W	242	34 A
OCT 28 66	53.2S	159.7W	261	32 A	53.0S	148.8W	280	35 A	51.0S	137.6W	289	38 A	48.5S	126.8W	291	37 A
OCT 29 66	46.3S	117.4W	286	31 B	45.2S	110.0W	276	24 B	45.1S	104.0W	268	20 A	45.4S	98.5W	265	20 A
OCT 30 66	45.5S	92.7W	270	23 A	45.2S	85.8W	276	27 B	44.5S	77.9W	278	31 B	43.6S	69.2W	279	34 C
OCT 31 66	42.6S	60.0W	278	36 C	41.8S	50.3W	276	38 C	41.2S	40.3W	273	39 D	41.1S	29.9W	269	41 D
NOV 1 66	41.4S	19.2W	265	42 C	42.4S	8.2W	261	43 C	43.9S	3.0E	258	43 C	45.8S	14.3E	256	42 B
NOV 2 66	47.9S	25.5E	254	40 A	50.1S	36.5E	252	38 A	52.2S	47.2E	253	35 A	54.1S	57.7E	254	32 B
NOV 3 66	55.5S	67.7E	258	29 B	56.4S	77.4E	264	27 C	56.8S	86.7E	268	26 C	56.7S	95.6E	272	25 C
NOV 4 66	56.4S	104.4E	275	25 D	55.9S	112.9E	277	24 D	55.3S	121.2E	278	24 C	54.6S	129.4E	279	24 C
NOV 5 66	53.9S	137.5E	279	25 C	53.1S	145.5E	278	25 C	52.5S	153.4E	277	25 B	52.0S	161.3E	275	25 A
NOV 6 66	51.6S	169.1E	272	25 A	51.6S	177.0E	270	25 B	51.7S	175.2W	267	25 B	52.0S	167.5W	266	24 A
NOV 7 66	52.4S	160.0W	264	23 A	52.9S	152.7W	264	23 A	53.4S	145.2W	264	24 B	53.8S	137.1W	267	26 A
NOV 8 66	53.9S	128.0W	270	29 A	53.8S	117.6W	272	33 B	53.5S	106.1W	273	37 B	53.0S	93.8W	274	39 C
NOV 9 66	52.4S	80.9W	275	41 C	51.7S	67.8W	275	42 C	51.1S	55.0W	275	40 C	50.5S	43.1W	274	37 C
NOV 10 66	50.1S	32.5W	272	32 B	50.0S	23.8W	270	27 B	50.1S	16.2W	268	24 A	50.3S	8.9W	267	24 A
NOV 11 66	50.5S	1.1W	268	27 B	50.7S	7.8E	269	31 A	50.8S	17.9E	269	35 A	50.8S	29.2E	270	38 B
NOV 12 66	50.8S	41.4E	270	41 B	50.7S	54.4E	271	43 A	50.6S	67.8E	270	43 A	50.6S	80.7E	270	41 B
NOV 13 66	50.6S	92.7E	270	37 B	50.7S	103.3E	269	32 C	50.8S	112.6E	269	28 C	50.9S	120.7E	270	25 C
NOV 14 66	50.9S	128.0E	272	23 C	50.6S	134.6E	275	21 C	50.1S	140.7E	280	19 B	49.3S	146.2E	286	18 A
NOV 15 66	48.1S	151.2E	294	18 A	46.5S	155.6E	301	17 A	44.7S	159.5E	305	16 B	43.0S	162.8E	306	14 A
NOV 16 66	41.6S	165.4E	304	10 A	40.8S	167.2E	292	7 A	40.7S	168.6E	253	5 B	41.4S	169.8E	217	7 A
NOV 17 66	43.0S	171.0E	205	12 A	45.6S	172.5E	201	17 A	48.9S	174.2E	199	19 B	52.7S	176.2E	198	21 A
NOV 18 66	56.6S	178.3E	197	21 A	60.3S	179.6W	197	20 A	63.9S	177.3W	197	18 B	67.1S	175.0W	197	17 A
NOV 19 66	70.1S	172.5W	197	15 A	72.6S	170.1W	198	13 B	74.8S	167.5W	198	11 B	76.7S	164.9W	199	9 C
NOV 20 66	78.3S	162.2W	201	8 C	79.7S	159.5W	202	7 C	80.8S	156.6W	204	6 D	81.8S	153.8W	205	5 D
NOV 21 66	82.6S	150.8W	207	4 D	83.3S	147.8W	208	4 D	83.9S	144.7W	208	4 D	84.5S	141.6W	208	3 D
NOV 22 66	85.1S	138.4W	206	3 D	85.6S	135.2W	204	3 D	86.2S	131.9W	202	3 D	86.7S	128.5W	200	3 D
NOV 23 66	87.2S	125.1W	199	3 D	87.7S	121.7W	198	2 D	88.1S	118.2W	197	2 D	88.4S	114.6W	198	2 D
NOV 24 66	88.7S	111.0W	202	1 D	88.8S	107.4W	211	1 D	88.9S	103.7W	CALM	D	89.0S	100.0W	CALM	D
NOV 25 66	89.0S	96.2W	CALM	D	89.0S	92.4W	CALM	D	89.0S	88.5W	CALM	D	89.0S	84.6W	CALM	D
NOV 26 66	88.9S	80.7W	322	1 D	88.8S	76.7W	333	1 D	88.6S	72.7W	339	1 D	88.3S	68.6W	342	2 D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 55M

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
NOV 27 66	87.9S	64.6W	343	3 D	87.3S	60.4W	343	3 D	86.6S	56.3W	341	4 D	85.8S	52.1W	340	4 D
NOV 28 66	85.0S	47.9W	337	5 D	84.1S	43.7W	335	5 D	83.1S	39.5W	332	5 D	82.2S	35.2W	328	6 D
NOV 29 66	81.3S	30.9W	325	6 D	80.4S	26.6W	321	6 D	79.5S	22.3W	318	6 D	78.6S	17.9W	315	6 D
NOV 30 66	77.8S	13.5W	312	6 D	77.0S	9.2W	310	7 D	76.1S	4.8W	308	7 D	75.3S	.3W	307	7 D
DEC 1 66	74.5S	4.1E	306	8 D	73.6S	8.5E	305	8 D	72.7S	13.0E	304	8 D	71.8S	17.4E	303	9 D
DEC 2 66	70.9S	21.9E	303	9 D	69.9S	26.4E	303	9 D	68.9S	30.9E	303	10 D	67.8S	35.4E	303	10 C
DEC 3 66	66.6S	39.8E	304	11 C	65.4S	44.3E	304	12 C	64.1S	48.8E	303	12 C	62.9S	53.3E	302	12 B
DEC 4 66	61.7S	57.7E	299	12 B	60.5S	62.1E	297	12 A	59.5S	66.5E	293	12 A	58.6S	70.8E	290	12 B
DEC 5 66	57.9S	75.0E	286	12 B	57.3S	79.2E	282	12 C	56.9S	83.4E	279	12 C	56.6S	87.5E	275	12 C
DEC 6 66	56.5S	91.7E	272	12 D	56.4S	95.8E	269	12 D	56.5S	99.9E	267	12 D	56.7S	104.1E	264	12 D
DEC 7 66	57.0S	108.3E	262	12 D	57.3S	112.5E	260	12 D	57.8S	116.8E	258	12 D	58.3S	121.1E	256	12 D
DEC 8 66	58.9S	125.5E	255	12 D	59.5S	129.9E	254	12 D	60.2S	134.5E	252	12 D	61.0S	139.1E	251	12 D
DEC 9 66	61.8S	143.9E	251	12 D	62.6S	148.7E	250	12 D	63.4S	153.7E	249	12 C	64.3S	158.8E	249	12 C
DEC 10 66	65.1S	164.1E	249	12 C	66.0S	169.5E	249	12 B	66.9S	175.1E	249	12 B	67.7S	179.3W	249	12 A
DEC 11 66	68.5S	173.5W	249	12 A	69.4S	167.7W	249	11 B	70.2S	161.8W	249	11 B	70.9S	155.9W	249	11 C
DEC 12 66	71.7S	149.9W	249	11 C	72.4S	143.8W	249	10 C	73.1S	137.6W	249	10 D	73.8S	131.4W	248	10 D
DEC 13 66	74.5S	125.2W	248	9 D	75.2S	118.9W	248	9 D	75.8S	112.5W	248	9 D	76.4S	106.1W	248	8 D
DEC 14 66	77.0S	99.6W	248	8 D	77.6S	93.1W	248	8 D	78.1S	86.5W	248	8 D	78.6S	79.9W	248	7 D
DEC 15 66	79.2S	73.3W	248	7 D	79.6S	66.6W	248	7 D	80.1S	59.9W	248	6 D	80.6S	53.1W	248	6 D
DEC 16 66	81.0S	46.3W	249	6 D	81.4S	39.5W	249	6 D	81.8S	32.6W	249	5 C	82.1S	25.7W	249	5 D
DEC 17 66	82.5S	18.8W	250	5 D	82.8S	11.9W	250	5 D	83.1S	4.9W	251	5 D	83.4S	2.1E	251	4 D
DEC 18 66	83.7S	9.1E	252	4 D	83.9S	16.1E	253	4 D	84.1S	23.2E	254	4 D	84.3S	30.2E	255	4 D
DEC 19 66	84.5S	37.3E	256	4 D	84.7S	44.4E	257	3 C	84.8S	51.5E	259	3 C	84.9S	58.6E	261	3 C
DEC 20 66	85.0S	65.7E	262	3 C	85.1S	72.8E	264	3 C	85.1S	79.9E	265	3 C	85.2S	87.0E	267	3 D
DEC 21 66	85.2S	94.1E	268	3 D	85.2S	101.2E	269	3 D	85.2S	108.3E	269	3 D	85.2S	115.3E	269	3 D
DEC 22 66	85.3S	122.4E	269	3 D	85.3S	129.4E	269	3 D	85.3S	136.4E	269	3 D	85.3S	143.4E	268	3 D
DEC 23 66	85.3S	150.3E	267	3 D	85.3S	157.2E	265	3 D	85.4S	164.1E	264	3 D	85.5S	170.9E	262	3 D
DEC 24 66	85.6S	177.7E	259	3 D	85.7S	175.5W	256	3 D	85.8S	168.8W	253	3 D	86.0S	162.2W	249	3 D
DEC 25 66	86.2S	155.6W	244	3 D	86.4S	149.1W	239	2 D	86.7S	142.6W	234	2 D	86.9S	136.2W	230	2 D
DEC 26 66	87.2S	129.9W	226	2 D	87.5S	123.6W	223	2 D	87.8S	117.4W	220	2 D	88.1S	111.3W	218	2 D
DEC 27 66	88.3S	105.2W	218	1 D	88.5S	99.3W	220	1 D	88.7S	93.4W	222	1 D	88.8S	87.6W	228	1 D
DEC 28 66	88.9S	81.9W	237	1 D	89.0S	76.3W	249	1 D	89.0S	70.8W	261	1 D	89.0S	65.4W	CALM	D
DEC 29 66	89.0S	60.1W	CALM	D	89.0S	54.9W	CALM	D	89.0S	49.8W	CALM	D	89.0S	44.8W	CALM	D
DEC 30 66	89.0S	40.0W	CALM	D	89.0S	35.2W	CALM	D	88.9S	30.6W	306	1 D	88.9S	26.1W	319	1 D
DEC 31 66	88.7S	21.8W	327	1 D	88.6S	17.5W	332	1 D	88.3S	13.4W	333	1 D	88.1S	9.5W	333	1 D
JAN 1 67	87.8S	5.7W	332	2 D	87.6S	2.0W	330	2 D	87.3S	1.6E	328	2 D	87.0S	4.9E	325	2 D
JAN 2 67	86.8S	8.2E	321	1 D	86.6S	11.2E	317	1 D	86.4S	14.2E	311	1 D	86.3S	16.9E	304	1 D
JAN 3 67	86.2S	19.5E	294	1 D	86.1S	21.9E	287	1 D	86.1S	24.2E	291	1 D	86.0S	26.3E	306	1 D
JAN 4 67	85.9S	28.2E	323	1 D	85.7S	29.9E	336	2 D	85.3S	31.4E	344	2 D	84.8S	32.8E	349	3 D
JAN 5 67	84.2S	33.9E	352	4 C	83.3S	34.9E	354	5 C	82.2S	35.7E	356	6 C	80.8S	36.3E	357	8 B
JAN 6 67	79.1S	36.7E	359	10 B	77.0S	36.8E	360	12 A	74.6S	36.8E	1	13 A	72.0S	36.6E	2	14 B
JAN 7 67	69.1S	36.2E	3	15 B	66.1S	35.8E	3	15 C	63.2S	35.4E	4	15 C	60.3S	35.0E	3	14 C
JAN 8 67	57.6S	34.8E	2	13 B	55.4S	34.8E	359	11 B	53.6S	34.9E	353	8 A	52.4S	35.4E	338	4 A
JAN 9 67	52.0S	36.0E	269	2 B	52.4S	37.0E	223	5 A	53.5S	38.5E	220	9 A	55.0S	40.7E	225	12 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



200MB GHOST BALLOON 55M  
00 GMT

		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
JAN 10 67	56.6S 44.1E	233	14 A	58.3S 48.8E	241	17 A	59.7S 54.8E	248	19 A	61.0S 62.2E	255	21 B			
JAN 11 67	61.8S 70.9E	262	23 B	62.2S 80.9E	268	25 C	62.2S 92.0E	272	28 C	61.9S 103.9E	274	30 C			
JAN 12 67	61.4S 116.3E	276	31 C	60.8S 129.1E	277	33 C	60.0S 141.9E	277	33 B	59.1S 154.7E	278	34 A			
JAN 13 67	58.3S 167.2E	278	33 A	57.4S 179.2E	278	33 A	56.5S 169.2W	278	33 B	55.7S 157.9W	278	33 A			
JAN 14 67	54.8S 146.8W	277	33 A	54.0S 135.9W	277	33 B	53.2S 125.2W	277	33 B	52.4S 114.6W	277	33 C			
JAN 15 67	51.7S 104.3W	277	33 C	50.9S 94.3W	277	32 C	50.2S 84.5W	277	32 B	49.5S 75.0W	277	31 B			
JAN 16 67	48.8S 65.8W	277	31 A	48.2S 57.0W	276	30 A	47.5S 48.5W	276	29 B	46.9S 40.3W	276	28 B			
JAN 17 67	46.3S 32.4W	276	27 C	45.7S 24.9W	276	27 C	45.1S 17.7W	276	26 C	44.6S 10.8W	276	25 D			
JAN 18 67	44.0S 4.2W	277	24 D	43.5S 2.1E	277	23 D	43.0S 8.1E	277	22 D	42.5S 13.8E	277	21 D			
JAN 19 67	42.0S 19.3E	277	20 D	41.6S 24.5E	277	20 D	41.1S 29.4E	277	19 D	40.7S 34.1E	277	18 D			
JAN 20 67	40.3S 38.5E	277	17 D	39.9S 42.7E	277	16 D	39.5S 46.7E	277	15 D	39.1S 50.4E	277	15 D			
JAN 21 67	38.8S 53.9E	278	14 D	38.4S 57.2E	278	13 D	38.1S 60.3E	278	12 D	37.7S 63.2E	278	11 D			
JAN 22 67	37.4S 65.9E	279	11 D	37.1S 68.4E	279	10 D	36.8S 70.8E	279	9 D	36.5S 72.9E	280	9 D			
JAN 23 67	36.3S 74.9E	280	8 D	36.0S 76.8E	281	7 D	35.7S 78.5E	281	7 D	35.5S 80.0E	282	6 D			
JAN 24 67	35.2S 81.4E	283	6 D	35.0S 82.7E	283	5 D	34.7S 83.8E	285	5 C	34.5S 84.8E	286	4 C			
JAN 25 67	34.3S 85.8E	287	4 C	34.1S 86.6E	289	3 B	33.9S 87.3E	291	3 B	33.7S 87.9E	293	3 A			
JAN 26 67	33.5S 88.4E	296	2 A	33.3S 88.9E	299	2 B	33.1S 89.3E	303	2 B	32.9S 89.6E	309	2 C			
JAN 27 67	32.7S 89.8E	315	1 C	32.5S 90.0E	323	1 C	32.3S 90.1E	333	1 D	32.2S 90.2E	345	1 D			
JAN 28 67	32.0S 90.3E	358	1 D	31.9S 90.2E	11	1 D	31.7S 90.2E	24	1 D	31.6S 90.1E	34	1 D			
JAN 29 67	31.5S 90.0E	43	1 D	31.4S 89.8E	50	1 D	31.2S 89.7E	55	1 D	31.2S 89.5E	60	1 D			
JAN 30 67	31.1S 89.3E	65	1 D	31.0S 89.1E	68	1 D	30.9S 88.9E	72	1 D	30.9S 88.7E	75	1 D			
JAN 31 67	30.8S 88.5E	79	1 D	30.8S 88.3E	82	1 D	30.8S 88.2E	87	1 D	30.8S 88.0E	93	1 D			
FEB 1 67	30.8S 87.9E	102	1 D	30.8S 87.8E	CALM	D	30.9S 87.7E	CALM	D	30.9S 87.7E	CALM	D			
FEB 2 67	31.0S 87.7E	CALM	D	31.1S 87.8E	217	1 D	31.2S 87.9E	226	1 D	31.3S 88.1E	232	1 D			
FEB 3 67	31.5S 88.3E	236	1 D	31.6S 88.6E	239	2 D	31.8S 88.9E	241	2 D	32.0S 89.4E	243	2 D			
FEB 4 67	32.2S 89.9E	244	3 D	32.5S 90.5E	246	3 D	32.7S 91.2E	247	3 D	33.0S 91.9E	248	4 D			
FEB 5 67	33.3S 92.8E	248	4 D	33.6S 93.8E	249	5 D	33.9S 94.9E	250	5 D	34.3S 96.0E	250	6 D			
FEB 6 67	34.7S 97.3E	251	6 D	35.1S 98.7E	251	7 D	35.5S 100.3E	251	7 D	36.0S 101.9E	252	8 D			
FEB 7 67	36.4S 103.7E	252	8 D	36.9S 105.7E	252	9 C	37.5S 107.8E	253	9 C	38.0S 110.0E	253	10 C			
FEB 8 67	38.6S 112.3E	253	10 B	39.2S 114.8E	253	11 B	39.8S 117.5E	253	11 A	40.5S 120.4E	254	12 A			
FEB 9 67	41.1S 123.4E	254	13 B	41.8S 126.6E	255	13 C	42.4S 130.1E	257	14 C	43.1S 133.8E	258	15 C			
FEB 10 67	43.6S 137.9E	260	16 D	44.1S 142.2E	262	17 D	44.5S 146.8E	264	18 C	44.8S 151.8E	266	19 C			
FEB 11 67	45.0S 157.2E	268	20 C	45.1S 163.0E	270	22 B	45.0S 169.2E	272	23 B	44.7S 175.9E	274	25 A			
FEB 12 67	44.2S 177.0W	276	27 A	43.6S 169.3W	277	29 B	42.9S 161.3W	277	31 B	42.1S 152.9W	277	33 C			
FEB 13 67	41.3S 144.1W	277	35 C	40.6S 135.1W	275	36 C	40.0S 126.0W	273	36 D	39.8S 116.8W	270	36 D			
FEB 14 67	40.0S 107.8W	267	35 C	40.6S 98.9W	262	35 C	41.7S 90.1W	259	34 C	43.2S 81.2W	256	34 C			
FEB 15 67	45.0S 72.3W	253	34 B	47.0S 63.1W	252	35 B	49.0S 53.4W	253	35 A	50.9S 43.1W	256	36 A			
FEB 16 67	52.4S 32.0W	260	37 B	53.4S 19.9W	264	39 B	53.9S 6.9W	267	40 C	54.2S 6.5E	269	41 B			
FEB 17 67	54.4S 20.2E	269	41 B	54.6S 33.9E	269	41 A	54.7S 47.5E	269	40 A	54.9S 60.8E	269	39 B			
FEB 18 67	55.1S 73.8E	268	38 B	55.3S 86.4E	268	36 C	55.5S 98.5E	268	35 C	55.6S 110.0E	269	33 C			
FEB 19 67	55.7S 120.9E	269	31 C	55.8S 131.1E	270	28 C	55.7S 140.5E	271	26 B	55.6S 149.1E	273	23 A			
FEB 20 67	55.3S 156.6E	275	21 A	54.9S 163.2E	278	18 A	54.4S 168.8E	282	16 B	53.6S 173.7E	287	14 B			
FEB 21 67	52.7S 177.9E	294	13 C	51.6S 178.4W	300	13 B	50.2S 175.0W	306	13 B	48.5S 171.9W	311	14 A			
FEB 22 67	46.7S 168.9W	314	15 A	44.5S 165.9W	316	16 A	42.4S 162.9W	315	16 B	40.3S 160.1W	313	15 C			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 55M

	00 GMT	MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R
FEB 23 67	38.4S 157.4W	309 13 C	37.0S 154.9W	303 12 C	35.9S 152.5W	293 11 C	35.3S 150.0W	283 11 D
FEB 24 67	35.0S 147.3W	274 12 D	35.0S 144.2W	267 14 D	35.3S 140.6W	262 17 C	35.9S 136.4W	259 20 C
FEB 25 67	36.8S 131.4W	257 23 C	37.9S 125.4W	256 27 B	39.3S 118.4W	255 31 B	41.0S 110.3W	255 35 A

RELIABILITY INDEX,R• RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 570

00 GMT				06 GMT				12 GMT				18 GMT								
			MPS R				MPS R								MPS R					
NOV 1 66	43.0S	179.8E	0	31	A	36.9S	179.4W	350	24	A	33.6S	178.2W	328	13	B	32.5S	176.2W	275	11	A
NOV 2 66	33.1S	173.2W	248	16	A	34.7S	169.0W	244	23	A	36.9S	163.3W	247	29	B	39.1S	155.8W	253	35	A
NOV 3 66	40.7S	146.4W	262	42	A	41.3S	134.9W	269	47	A	41.1S	122.4W	273	48	A	40.4S	110.4W	275	45	A
NOV 4 66	39.6S	100.1W	276	36	A	39.0S	92.4W	275	27	B	38.7S	86.4W	270	22	A	38.9S	80.7W	263	24	A
NOV 5 66	39.9S	74.1W	257	31	A	41.5S	65.4W	255	38	B	43.5S	55.4W	256	40	A	45.1S	45.2W	260	37	A
NOV 6 66	45.8S	36.0W	269	30	A	45.3S	28.4W	282	26	A	43.9S	21.8W	288	25	A	42.6S	15.4W	284	26	A
NOV 7 66	41.8S	8.2W	272	30	B	42.1S	.5E	263	36	A	43.2S	10.5E	260	40	A	44.8S	21.4E	259	42	A
NOV 8 66	46.2S	32.7E	261	41	A	47.2S	44.1E	265	40	A	47.6S	55.2E	269	38	A	47.4S	65.7E	274	35	B
NOV 9 66	46.5S	75.3E	280	33	A	45.2S	83.8E	285	30	A	43.6S	91.6E	285	29	A	42.3S	99.1E	280	29	B
NOV 10 66	41.8S	106.9E	270	31	A	42.3S	115.2E	262	32	A	43.4S	123.5E	259	31	A	44.4S	131.3E	261	27	A
NOV 11 66	44.8S	138.0E	272	21	A	44.2S	143.1E	289	17	A	42.9S	147.1E	297	16	B	41.6S	150.7E	293	15	A
NOV 12 66	40.8S	154.6E	275	17	A	41.1S	159.4E	260	20	A	42.0S	164.6E	255	21	B	43.1S	169.7E	254	19	A
NOV 13 66	43.8S	174.2E	262	15	A	43.9S	177.7E	277	11	A	43.4S	179.6W	289	10	B	42.7S	177.3W	291	9	A
NOV 14 66	42.2S	174.9W	281	10	A	42.0S	172.1W	269	11	A	42.2S	169.1W	262	12	B	42.7S	166.0W	257	12	A
NOV 15 66	43.2S	163.1W	254	11	A	43.8S	160.6W	250	9	A	44.4S	158.4W	245	8	B	45.1S	156.6W	239	7	A
NOV 16 66	45.8S	155.1W	232	6	A	46.6S	153.7W	235	6	A	47.2S	151.9W	252	8	A	47.5S	148.9W	268	13	A
NOV 17 66	47.3S	144.1W	277	21	A	46.6S	137.1W	279	29	A	45.7S	128.4W	277	33	B	45.3S	118.9W	271	34	A
NOV 18 66	45.8S	109.7W	259	32	A	47.6S	101.4W	246	30	B	50.3S	94.0W	237	28	A	53.4S	87.0W	233	26	A
NOV 19 66	56.3S	80.3W	235	23	A	58.4S	73.6W	244	20	A	59.6S	67.1W	258	17	A	59.7S	61.1W	281	15	A
NOV 20 66	58.5S	55.8W	308	16	A	55.9S	51.4W	323	20	B	52.8S	47.4W	324	20	A	49.8S	43.5W	314	19	A
NOV 21 66	47.9S	39.2W	288	17	A	47.7S	33.9W	262	20	A	48.7S	27.4W	254	26	A	50.3S	19.4W	255	30	A
NOV 22 66	51.6S	9.4W	262	35	A	52.1S	2.4E	269	39	A	52.0S	15.1E	272	40	A	51.8S	27.3E	272	37	A
NOV 23 66	51.6S	37.6E	269	29	A	51.9S	45.3E	264	21	A	52.5S	51.2E	260	17	A	53.0S	56.7E	264	18	A
NOV 24 66	53.1S	63.3E	271	23	A	52.8S	71.9E	275	30	A	52.2S	82.1E	276	34	A	51.6S	93.0E	274	35	B
NOV 25 66	51.3S	103.8E	271	34	A	51.4S	113.8E	266	31	A	51.9S	123.4E	264	31	A	52.5S	133.2E	265	31	A
NOV 26 66	52.8S	143.6E	269	34	A	52.8S	155.1E	273	36	A	52.2S	166.5E	276	35	B	51.3S	176.5E	281	29	A
NOV 27 66	50.1S	176.2W	291	19	A	48.7S	172.6W	316	11	A	47.3S	171.3W	341	7	B	46.0S	170.6W	329	6	A
NOV 28 66	45.2S	168.8W	285	11	A	45.0S	164.6W	270	20	A	45.2S	158.1W	264	26	B	45.9S	150.3W	261	30	A
NOV 29 66	47.0S	141.6W	259	31	A	48.2S	133.0W	257	29	A	49.5S	125.2W	254	25	A	50.8S	118.9W	250	18	A
NOV 30 66	51.8S	115.1W	238	9	A	52.5S	114.2W	166	3	B	52.9S	115.1W	102	4	B	52.9S	116.5W	75	4	A
DEC 1 66	52.5S	117.0W	339	3	A	51.7S	115.7W	303	8	B	50.8S	112.9W	297	12	A	49.8S	109.5W	294	12	A
DEC 2 66	48.8S	106.3W	294	10	A	48.2S	103.9W	288	8	B	47.8S	101.3W	277	11	A	47.7S	97.2W	270	18	A
DEC 3 66	47.8S	90.4W	268	30	A	48.1S	80.1W	267	41	B	48.6S	67.3W	267	46	A	49.1S	53.4W	267	47	A
DEC 4 66	49.5S	39.9W	267	43	A	49.8S	27.8W	268	37	A	50.0S	17.4W	269	32	A	50.0S	8.6W	271	26	A
DEC 5 66	49.8S	1.4W	274	22	B	49.4S	4.4E	277	18	A	49.0S	9.4E	278	17	A	48.6S	14.3E	276	17	A
DEC 6 66	48.3S	19.7E	272	20	B	48.3S	26.1E	268	23	A	48.5S	33.0E	266	23	A	48.9S	39.6E	265	21	A
DEC 7 66	49.2S	45.3E	264	17	A	49.6S	49.5E	263	12	A	49.8S	52.6E	262	9	A	50.0S	55.2E	264	9	B
DEC 8 66	50.2S	58.0E	267	10	B	50.2S	61.3E	270	12	A	50.2S	65.1E	272	13	A	50.1S	69.1E	273	14	B
DEC 9 66	49.9S	73.3E	275	14	A	49.6S	77.4E	277	14	A	49.3S	81.4E	277	13	A	49.0S	85.1E	276	12	B
DEC 10 66	48.8S	88.6E	274	11	A	48.7S	91.8E	271	10	A	48.7S	94.7E	268	10	A	48.8S	97.4E	265	9	B
DEC 11 66	49.0S	99.9E	263	8	C	49.2S	102.2E	261	8	C	49.4S	104.4E	259	7	B	49.7S	106.3E	256	6	B
DEC 12 66	50.0S	108.0E	252	5	A	50.3S	109.4E	250	4	A	50.6S	110.6E	256	4	A	50.7S	111.8E	270	4	B
DEC 13 66	50.5S	113.1E	286	5	A	50.1S	114.7E	296	6	A	49.5S	116.6E	302	8	A	48.6S	118.6E	304	9	B
DEC 14 66	47.6S	120.8E	305	10	A	46.5S	123.1E	305	10	A	45.3S	125.5E	302	11	A	44.3S	128.1E	297	11	B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 570

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
DEC 15 66	43.4S	130.9E	291	12 B	42.7S	134.0E	282	13 C	42.5S	137.5E	270	14 B	42.8S	141.6E	259	17 B
DEC 16 66	43.8S	146.6E	250	22 A	45.5S	152.6E	245	25 A	47.7S	158.9E	243	24 B	49.6S	164.9E	245	21 A
DEC 17 66	50.8S	169.9E	256	14 A	50.9S	173.4E	281	9 A	50.3S	175.6E	309	7 B	49.3S	177.0E	323	6 A
DEC 18 66	48.5S	178.0E	312	4 A	48.3S	179.0E	271	3 A	48.4S	179.9E	243	4 B	48.8S	179.1W	233	4 A
DEC 19 66	49.3S	178.1W	236	4 A	49.7S	177.2W	246	4 A	49.9S	176.0W	257	4 B	50.1S	174.5W	263	6 A
DEC 20 66	50.2S	172.3W	265	9 A	50.3S	169.3W	266	11 A	50.4S	165.9W	268	11 B	50.5S	162.5W	270	11 A
DEC 21 66	50.4S	159.6W	274	8 A	50.3S	157.3W	277	7 A	50.1S	154.8W	273	10 B	50.1S	151.0W	268	16 A
DEC 22 66	50.4S	144.7W	264	26 A	51.1S	135.3W	263	35 A	52.0S	123.9W	263	38 B	52.8S	112.2W	264	35 A
DEC 23 66	53.4S	101.9W	267	28 A	53.4S	94.2W	273	20 B	52.9S	88.7W	286	15 A	51.8S	84.8W	304	13 A
DEC 24 66	50.0S	81.8W	318	14 A	47.8S	78.8W	320	16 B	45.5S	75.5W	308	17 A	43.9S	71.2W	286	19 A
DEC 25 66	43.6S	65.3W	263	26 A	45.1S	57.4W	251	35 B	47.7S	47.3W	248	42 A	50.8S	35.0W	251	46 A
DEC 26 66	53.3S	20.4W	258	50 A	54.7S	3.7W	265	52 B	55.1S	14.0E	270	52 C	54.7S	31.0E	274	48 B
DEC 27 66	53.9S	46.0E	277	41 A	52.8S	57.8E	281	32 A	51.6S	66.6E	284	24 A	50.5S	72.8E	288	17 A
DEC 28 66	49.6S	76.7E	291	11 A	49.0S	79.0E	291	6 A	48.8S	80.2E	282	3 A	48.8S	80.9E	252	2 B
DEC 29 66	49.0S	81.7E	243	4 A	49.5S	83.2E	249	7 A	49.9S	85.6E	257	10 A	50.2S	89.0E	267	13 B
DEC 30 66	50.2S	93.4E	275	17 B	49.7S	99.1E	280	21 A	48.9S	105.7E	280	24 A	48.2S	112.9E	277	26 A
DEC 31 66	47.8S	120.6E	271	27 A	47.9S	128.4E	266	27 A	48.5S	136.1E	263	26 B	49.1S	143.4E	263	24 A
JAN 1 67	49.5S	150.1E	266	21 A	49.6S	156.0E	271	19 A	49.4S	161.3E	275	16 B	49.1S	165.8E	277	15 A
JAN 2 67	48.8S	169.8E	275	13 A	48.7S	173.4E	271	11 A	48.7S	176.5E	268	10 B	48.8S	179.3E	265	9 A
JAN 3 67	49.0S	178.2W	264	8 A	49.1S	176.0W	265	7 A	49.2S	173.9W	268	7 B	49.2S	172.0W	273	6 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 61T				00 GMT				06 GMT				12 GMT				18 GMT				
				MPS	R			MPS	R			MPS	R			MPS	R			
NOV 23 66	64.0S	28.4W	338	19	B	60.8S	25.3W	330	19	A	57.7S	21.1W	320	20	A	54.9S	16.1W	312	21	A
NOV 24 66	52.4S	10.6W	304	22	A	50.1S	4.7W	298	22	A	48.2S	1.3E	293	22	A	46.8S	7.2E	288	21	A
NOV 25 66	45.7S	12.7E	282	19	B	45.2S	17.8E	277	18	A	44.9S	22.4E	273	17	A	44.7S	27.0E	273	16	A
NOV 26 66	44.5S	31.5E	276	17	B	44.0S	36.2E	279	18	A	43.5S	41.0E	278	18	A	43.1S	45.6E	273	17	B
NOV 27 66	43.1S	49.8E	263	15	B	43.7S	53.4E	252	13	A	44.6S	56.5E	245	12	A	45.5S	59.3E	247	10	B
NOV 28 66	46.1S	61.8E	261	9	B	46.1S	64.1E	278	9	A	45.7S	66.7E	283	11	A	45.2S	70.2E	277	15	B
NOV 29 66	45.1S	74.9E	270	20	B	45.4S	81.3E	264	26	A	46.1S	88.9E	260	29	A	47.3S	97.4E	257	31	B
NOV 30 66	48.9S	106.1E	254	31	B	50.6S	114.7E	251	29	A	52.4S	122.9E	250	27	A	54.0S	130.6E	252	23	B
DEC 1 66	55.1S	137.5E	258	19	B	55.5S	143.4E	268	16	C	55.3S	148.2E	281	12	B	54.7S	151.6E	300	9	A
DEC 2 66	53.7S	153.4E	335	7	A	52.4S	153.5E	15	7	A	51.1S	152.5E	34	8	A	49.8S	150.9E	42	8	A
DEC 3 66	48.8S	149.5E	42	6	A	48.2S	148.8E	21	3	A	47.9S	149.0E	302	3	B	47.6S	150.1E	281	6	A
DEC 4 66	47.4S	152.3E	280	10	A	47.0S	155.5E	278	14	A	46.8S	160.0E	272	18	B	46.9S	165.8E	264	23	A
DEC 5 66	47.8S	172.9E	257	28	A	49.4S	178.6W	251	31	B	51.6S	169.9W	246	29	B	53.9S	162.3W	241	23	A
DEC 6 66	55.8S	156.9W	232	14	A	57.1S	154.8W	201	6	A	58.0S	155.1W	142	5	B	58.8S	156.7W	131	7	A
DEC 7 66	59.8S	158.5W	149	8	A	61.4S	159.8W	162	10	A	63.3S	161.4W	154	12	B	65.4S	164.6W	139	14	A
DEC 8 66	67.5S	170.6W	123	19	A	69.4S	179.9W	116	21	A	71.0S	170.1E	118	17	B	72.6S	163.0E	138	11	A
DEC 9 66	74.1S	162.0E	212	9	A	75.5S	169.6E	243	16	A	77.0S	177.0W	248	19	A	78.3S	161.7W	247	17	A
DEC 10 66	79.5S	148.1W	241	12	A	80.5S	139.4W	228	7	B	81.5S	134.4W	213	5	B	82.2S	131.3W	207	4	A
DEC 11 66	82.9S	128.2W	217	4	A	83.5S	123.5W	232	4	A	83.8S	117.6W	252	4	A	83.9S	111.0W	281	4	A
DEC 12 66	83.5S	104.4W	311	5	A	82.6S	98.6W	329	7	B	81.2S	93.7W	339	10	B	79.1S	90.0W	347	13	A
DEC 13 66	76.4S	87.9W	354	16	A	73.1S	87.5W	1	18	B	69.5S	88.2W	6	19	A	65.9S	89.5W	9	18	A
DEC 14 66	62.7S	90.7W	9	15	A	60.2S	91.3W	4	11	B	58.4S	91.3W	354	8	B	57.1S	90.7W	338	6	C
DEC 15 66	56.3S	89.7W	315	5	C	55.7S	88.3W	293	5	C	55.5S	86.5W	276	6	C	55.5S	84.4W	263	7	C
DEC 16 66	55.8S	81.9W	255	8	B	56.2S	79.1W	252	9	B	56.8S	75.8W	254	10	A	57.3S	72.0W	260	12	A
DEC 17 66	57.6S	67.4W	267	14	B	57.6S	62.1W	273	16	B	57.3S	56.0W	275	18	A	57.0S	49.4W	274	19	A
DEC 18 66	56.9S	42.4W	271	20	B	56.9S	35.2W	267	20	B	57.3S	28.3W	261	18	A	58.1S	22.6W	250	15	A
DEC 19 66	59.3S	18.4W	226	11	B	61.0S	16.5W	195	9	A	62.6S	16.4W	167	8	A	63.7S	17.8W	124	5	A
DEC 20 66	63.6S	20.2W	57	8	B	62.1S	23.1W	33	13	A	59.4S	25.9W	22	17	A	56.0S	27.7W	9	19	A
DEC 21 66	52.4S	27.7W	349	18	B	49.1S	25.4W	323	20	A	46.4S	21.0W	303	22	A	44.5S	15.0W	288	25	A
DEC 22 66	43.5S	8.0W	274	28	B	43.7S	.4W	263	29	A	44.8S	7.0E	255	28	A	46.4S	13.9E	249	24	A
DEC 23 66	48.1S	19.7E	243	19	B	49.6S	23.9E	238	14	B	50.9S	26.8E	233	10	C	51.9S	28.7E	231	7	B
DEC 24 66	52.5S	30.2E	241	5	B	52.8S	31.4E	258	4	A	52.9S	32.8E	263	5	A	53.1S	34.6E	257	7	A
DEC 25 66	53.5S	37.1E	249	10	B	54.4S	40.5E	243	13	A	55.7S	44.8E	241	16	A	57.3S	50.0E	241	18	B
DEC 26 66	59.1S	56.2E	242	20	B	60.9S	63.1E	243	20	A	62.6S	70.5E	245	20	A	64.2S	78.1E	248	18	B
DEC 27 66	65.3S	85.6E	253	16	B	66.1S	92.6E	260	14	A	66.4S	99.1E	267	13	A	66.3S	105.0E	275	12	B
DEC 28 66	66.0S	110.2E	282	10	B	65.5S	114.7E	289	9	C	64.8S	118.6E	296	9	C	64.0S	121.9E	304	8	C
DEC 29 66	63.1S	124.7E	311	8	D	62.0S	127.0E	318	8	D	60.9S	128.9E	324	7	C	59.8S	130.4E	330	7	C
DEC 30 66	58.7S	131.6E	335	6	C	57.6S	132.4E	341	6	C	56.6S	132.9E	346	5	B	55.7S	133.3E	352	4	A
DEC 31 66	54.9S	133.4E	358	3	A	54.3S	133.3E	7	3	A	53.9S	133.2E	18	2	B	53.7S	133.0E	32	1	A
JAN 1 67	53.5S	132.8E	53	1	A	53.5S	132.6E	CALM	A	53.5S	132.5E	CALM	A	53.5S	132.6E	238	1	A		
JAN 2 67	53.6S	132.8E	261	1	A	53.6S	133.4E	271	2	A	53.6S	134.1E	275	3	A	53.5S	135.2E	278	4	A
JAN 3 67	53.4S	136.6E	279	5	A	53.2S	138.4E	280	6	A	53.0S	140.4E	281	7	B	52.7S	142.8E	281	8	B
JAN 4 67	52.4S	145.4E	281	9	C	52.1S	148.4E	280	10	B	51.7S	151.6E	279	11	B	51.4S	155.2E	278	12	A
JAN 5 67	51.0S	159.2E	277	14	A	50.7S	163.5E	278	14	A	50.2S	167.6E	285	13	B	49.4S	170.7E	302	10	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 61T

		00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
JAN	6 67	48.1S	172.4E	345	8 A	46.3S	172.1E	16	11 A	44.0S	171.1E	16	13 B	41.5S	170.6E	356	13 A
JAN	7 67	39.0S	172.1E	317	17 A	36.7S	176.4E	296	25 A	34.9S	177.7W	286	27 B	33.9S	171.7W	277	23 A
JAN	8 67	34.0S	167.5W	254	13 A	35.3S	166.0W	186	9 B	37.1S	166.6W	156	11 B	38.8S	167.7W	152	8 A
JAN	9 67	39.5S	167.9W	273	3 A	38.8S	166.3W	303	12 A	37.4S	163.4W	298	15 B	36.3S	160.0W	281	14 A
JAN	10 67	36.7S	157.2W	233	12 A	39.1S	155.4W	198	18 A	42.9S	154.1W	194	22 B	46.9S	152.4W	202	21 A
JAN	11 67	50.0S	149.5W	227	18 A	51.4S	144.6W	260	19 A	51.4S	138.0W	277	23 B	50.5S	130.2W	283	28 A
JAN	12 67	49.2S	121.7W	283	30 A	48.0S	112.9W	281	31 B	46.9S	103.9W	280	32 B	45.8S	94.9W	279	33 C
JAN	13 67	44.8S	85.8W	279	33 B	43.7S	76.9W	279	34 B	42.7S	68.0W	279	34 A	41.7S	59.3W	278	34 A
JAN	14 67	40.8S	50.7W	277	34 B	40.0S	42.1W	276	34 B	39.4S	33.1W	274	37 C	39.0S	23.2W	272	42 B
JAN	15 67	38.9S	12.0W	270	49 B	39.1S	1.1E	268	55 A	39.5S	15.6E	267	60 A	40.3S	31.2E	266	63 A
JAN	16 67	41.3S	47.3E	265	63 B	42.5S	63.5E	264	62 A	43.8S	79.4E	263	58 A	45.0S	94.4E	264	53 B
JAN	17 67	46.0S	108.0E	265	46 B	46.5S	119.9E	268	39 C	46.3S	129.8E	277	32 B	45.0S	137.6E	292	26 B
JAN	18 67	42.3S	143.0E	318	24 A	38.1S	146.2E	340	26 A	33.3S	147.7E	351	25 A	28.9S	148.2E	357	20 A
JAN	19 67	26.1S	148.4E	351	9 A	25.5S	148.9E	241	4 A	26.6S	150.1E	220	12 B	28.7S	152.3E	226	17 A
JAN	20 67	30.8S	155.5E	241	20 A	32.3S	160.1E	256	23 A	33.0S	165.6E	266	26 B	33.1S	171.8E	274	28 A
JAN	21 67	32.4S	178.3E	280	29 A	31.1S	175.2W	285	29 A	29.6S	169.0W	286	27 B	28.2S	163.5W	284	24 A
JAN	22 67	27.5S	158.9W	275	19 A	27.7S	155.2W	260	15 A	28.4S	152.1W	251	15 B	29.4S	148.8W	253	17 A
JAN	23 67	30.2S	144.8W	263	21 A	30.4S	139.6W	269	25 A	30.4S	133.6W	271	27 B	30.3S	127.5W	270	26 A
JAN	24 67	30.5S	122.0W	264	22 A	31.1S	117.5W	256	18 B	32.0S	114.1W	250	14 B	32.9S	111.4W	250	11 C
JAN	25 67	33.3S	109.3W	264	8 B	33.2S	107.6W	292	7 B	32.4S	106.3W	318	7 A	31.0S	105.3W	336	9 A
JAN	26 67	29.1S	104.7W	347	11 A	26.9S	104.3W	354	12 B	24.8S	104.1W	1	10 A	23.3S	104.3W	16	6 A
JAN	27 67	22.9S	104.8W	117	3 A	23.8S	105.6W	154	9 B	25.7S	106.4W	161	11 A	27.8S	107.0W	168	10 A
JAN	28 67	29.2S	107.2W	184	5 A	29.7S	106.9W	273	3 B	29.4S	106.2W	303	4 A	29.0S	105.5W	296	3 A
JAN	29 67	29.1S	105.2W	179	3 A	30.1S	105.5W	157	7 B	31.6S	106.5W	148	9 A	33.0S	107.8W	133	9 A
JAN	30 67	33.8S	109.4W	98	7 A	33.4S	111.1W	62	8 B	32.4S	112.8W	51	9 A	31.4S	114.3W	53	8 A
JAN	31 67	30.9S	115.4W	85	4 A	31.2S	116.1W	154	4 B	32.0S	116.1W	205	4 A	32.6S	115.2W	262	7 A
FEB	1 67	32.2S	113.1W	295	13 A	30.4S	109.7W	305	21 B	27.8S	105.8W	307	23 A	25.3S	102.1W	306	19 A
FEB	2 67	23.8S	99.5W	298	9 A	23.8S	98.7W	191	4 B	25.0S	98.9W	166	9 A	27.1S	99.3W	176	12 A
FEB	3 67	29.4S	99.0W	201	12 A	31.5S	97.2W	228	15 B	33.2S	94.0W	244	18 A	34.6S	89.6W	255	22 A
FEB	4 67	35.3S	84.2W	264	24 B	35.5S	78.1W	271	27 B	35.3S	71.2W	275	30 C	34.6S	63.6W	276	34 C
FEB	5 67	33.8S	55.5W	277	37 C	33.0S	46.7W	276	39 C	32.2S	37.4W	275	41 C	31.7S	27.8W	273	43 B
FEB	6 67	31.4S	17.8W	271	45 B	31.5S	7.5W	268	45 A	32.2S	2.9E	264	46 A	33.5S	13.3E	259	46 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 62T

	00 GMT		MPS R	06 GMT		MPS R	12 GMT		MPS R	18 GMT		MPS R								
NOV 18 66	78.3S	173.3W	269	19	A	78.2S	148.5W	266	20	A	78.8S	134.2W	250	11	A	79.7S	125.5W	231	9	A
NOV 19 66	80.9S	117.1W	231	10	A	82.2S	104.1W	241	14	A	83.5S	81.5W	251	18	B	84.5S	44.1W	259	23	A
NOV 20 66	85.1S	13.1E	266	30	A	85.2S	91.8E	270	37	A	85.1S	179.9W	272	39	A	84.8S	97.2W	272	35	A
NOV 21 66	84.6S	35.2W	270	22	A	84.7S	4.8W	268	8	A	84.5S	1.0E	31	3	A	83.7S	6.6W	38	10	A
NOV 22 66	81.5S	16.0W	18	16	A	77.7S	18.5W	356	23	A	72.8S	14.0W	338	28	A	67.7S	5.2W	322	32	A
NOV 23 66	63.1S	5.5E	310	33	A	59.7S	15.6E	301	29	A	57.2S	23.7E	300	21	A	55.6S	28.2E	318	10	A
NOV 24 66	54.3S	27.7E	61	12	B	53.3S	21.5E	80	26	A	52.5S	12.2E	84	31	A	52.0S	3.1E	86	25	A
NOV 25 66	51.9S	2.6W	93	9	B	52.2S	2.4W	256	9	A	52.8S	2.5E	261	21	A	53.5S	10.0E	262	25	A
NOV 26 66	54.1S	17.9E	263	23	A	54.6S	24.5E	263	18	A	55.0S	29.8E	259	14	A	55.7S	33.9E	249	11	B
NOV 27 66	56.7S	37.2E	231	11	B	58.3S	40.1E	220	13	A	60.4S	43.5E	220	16	A	62.9S	48.3E	225	19	B
NOV 28 66	65.7S	55.4E	231	24	A	68.6S	65.4E	235	25	A	71.3S	76.9E	237	23	A	73.3S	88.0E	243	17	B
NOV 29 66	74.1S	96.8E	266	10	A	73.5S	102.0E	317	8	A	72.1S	104.7E	342	9	A	70.3S	106.2E	344	9	B
NOV 30 66	68.8S	108.1E	319	7	A	68.1S	111.6E	280	8	A	68.2S	116.7E	262	11	A	68.6S	122.8E	256	13	A
DEC 1 66	69.2S	129.7E	256	13	A	69.8S	136.9E	260	13	A	70.0S	143.9E	271	12	A	69.6S	150.5E	290	12	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 63L

		00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R				
NOV 28 66	42.1S	178.7E	35	34	A	36.6S	173.3E	29	24	A	33.9S	172.7E	321	10	B	33.4S	175.9E	265	20	A
NOV 29 66	34.4S	178.3W	253	30	A	36.5S	171.0W	250	34	A	38.8S	163.3W	248	33	A	41.0S	156.2W	249	27	A
NOV 30 66	42.3S	150.8W	258	16	A	42.2S	147.9W	296	8	A	40.9S	146.4W	333	11	B	38.4S	144.9W	332	17	A
DEC 1 66	35.1S	141.9W	318	26	A	31.0S	136.5W	307	35	B	27.0S	129.6W	300	39	A	23.7S	122.5W	293	35	A
DEC 2 66	21.9S	116.5W	280	24	A	22.1S	112.6W	249	14	B	23.6S	110.6W	212	11	A	25.5S	109.8W	189	9	A
DEC 3 66	26.9S	109.8W	177	4	A	27.1S	109.8W	11	2	B	26.4S	109.9W	360	5	A	25.2S	109.8W	354	7	A
DEC 4 66	24.0S	109.5W	342	6	A	23.1S	108.9W	304	4	B	23.1S	107.9W	244	7	A	24.4S	106.3W	221	14	A
DEC 5 66	27.4S	103.9W	212	24	A	32.1S	100.9W	207	30	B	37.2S	98.1W	202	26	A	40.8S	96.7W	186	12	A
DEC 6 66	41.1S	97.8W	49	14	A	37.2S	102.0W	36	36	B	30.7S	107.3W	32	42	A	24.2S	111.1W	19	31	A
DEC 7 66	20.1S	110.7W	302	19	A	20.3S	104.3W	256	45	B	23.6S	93.2W	250	64	B	28.2S	79.7W	250	68	C
DEC 8 66	32.3S	65.6W	254	61	B	34.3S	53.0W	265	50	A	34.1S	42.2W	279	42	A	31.9S	33.4W	297	37	A
DEC 9 66	27.6S	26.9W	318	36	B	21.8S	22.7W	335	36	A	15.4S	20.3W	344	34	A	9.6S	18.8W	347	27	A
DEC 10 66	5.7S	17.6W	334	14	B	4.6S	16.2W	267	8	B	5.5S	14.7W	221	11	A	7.5S	13.5W	207	12	A
DEC 11 66	9.4S	12.7W	194	8	B	10.5S	12.7W	151	4	A	10.8S	13.4W	98	5	A	10.9S	14.5W	89	7	A
DEC 12 66	10.9S	15.9W	99	8	B	11.4S	17.3W	124	7	A	12.6S	18.1W	174	9	A	14.8S	17.4W	209	16	A
DEC 13 66	18.3S	14.6W	223	30	B	23.0S	9.1W	230	42	A	28.5S	1.2W	235	49	A	33.7S	8.6E	241	52	A
DEC 14 66	37.9S	19.8E	250	50	B	40.3S	31.7E	260	48	A	41.1S	43.7E	268	46	A	40.9S	55.3E	274	44	B
DEC 15 66	40.0S	65.8E	279	39	B	38.7S	74.7E	282	34	C	37.3S	82.3E	285	29	B	35.9S	88.8E	287	26	B
DEC 16 66	34.4S	94.5E	287	25	A	33.0S	99.8E	287	23	A	31.8S	104.8E	286	22	A	30.7S	109.6E	285	21	B
DEC 17 66	29.7S	114.1E	283	20	B	28.9S	118.6E	281	20	C	28.2S	123.0E	279	20	C	27.7S	127.4E	278	21	C
DEC 18 66	27.1S	132.1E	277	22	C	26.5S	137.1E	277	24	B	25.9S	142.5E	277	26	B	25.3S	148.5E	278	29	A
DEC 19 66	24.4S	155.1E	278	33	A	23.5S	162.4E	277	36	A	22.9S	170.1E	273	37	B	23.0S	177.8E	265	36	A
DEC 20 66	24.3S	174.9W	252	35	A	27.2S	168.3W	240	34	A	30.6S	162.3W	235	31	B	33.6S	156.8W	240	26	A
DEC 21 66	35.2S	151.7W	263	21	A	34.6S	146.9W	291	22	B	32.6S	142.0W	299	25	B	30.3S	136.6W	293	29	C
DEC 22 66	28.7S	130.1W	278	33	B	28.7S	122.3W	263	38	B	30.3S	113.6W	253	42	A	33.3S	104.6W	244	43	A
DEC 23 66	37.6S	95.8W	234	42	A	42.7S	88.0W	226	38	B	47.5S	81.9W	219	27	A	50.5S	78.6W	211	10	A
DEC 24 66	50.5S	79.0W	39	13	A	46.6S	83.5W	38	35	B	40.4S	90.3W	39	44	A	34.2S	96.8W	40	37	A
DEC 25 66	30.1S	100.7W	32	14	A	29.6S	100.0W	245	13	B	31.7S	95.8W	237	28	A	35.0S	89.7W	239	33	A
DEC 26 66	37.8S	83.1W	248	27	A	38.8S	77.4W	267	21	B	38.4S	72.6W	284	19	A	37.3S	68.4W	293	18	A
DEC 27 66	35.9S	64.5W	292	17	A	34.9S	60.7W	283	17	B	34.4S	56.6W	274	18	A	34.5S	52.1W	266	20	A
DEC 28 66	35.1S	46.9W	259	24	A	36.2S	40.7W	256	29	A	37.6S	33.4W	257	34	A	39.1S	24.6W	259	39	A
DEC 29 66	40.4S	14.2W	263	44	B	41.3S	2.1W	266	50	A	41.8S	11.4E	268	54	A	42.2S	26.0E	269	57	A
DEC 30 66	42.4S	41.3E	269	59	A	42.6S	56.8E	269	59	A	42.9S	72.4E	269	58	A	43.0S	87.5E	269	56	B
DEC 31 66	43.1S	102.0E	270	53	B	43.1S	115.4E	271	48	B	42.9S	127.2E	272	41	B	42.4S	137.0E	276	33	A
JAN 1 67	41.6S	144.2E	284	23	A	40.4S	148.7E	297	15	A	39.1S	151.4E	301	11	B	38.4S	153.7E	280	10	A
JAN 2 67	38.6S	156.9E	256	17	A	39.9S	161.9E	249	25	A	41.6S	168.4E	253	28	B	42.7S	175.3E	265	26	A
JAN 3 67	42.2S	178.1W	290	25	A	39.5S	172.4W	310	28	A	35.8S	166.9W	307	30	B	33.0S	160.7W	288	31	A
JAN 4 67	32.7S	152.7W	259	40	A	36.0S	142.5W	243	52	A	41.3S	130.9W	237	54	B	46.4S	119.5W	240	44	A
JAN 5 67	49.1S	109.8W	263	29	A	47.8S	102.6W	306	26	B	43.8S	97.2W	323	31	A	38.9S	92.2W	320	31	A
JAN 6 67	35.1S	86.5W	296	31	A	33.8S	79.2W	271	34	B	34.6S	70.8W	259	36	A	36.3S	62.7W	253	33	A
JAN 7 67	38.0S	55.9W	254	24	A	38.9S	51.3W	257	14	B	39.4S	48.9W	244	7	A	40.2S	48.3W	171	6	A
JAN 8 67	42.0S	49.2W	153	14	A	45.0S	51.3W	155	19	B	48.4S	53.3W	163	17	A	50.9S	53.7W	197	9	A
JAN 9 67	51.4S	51.2W	290	15	B	48.9S	45.0W	306	32	B	44.5S	36.6W	308	41	A	39.4S	28.2W	309	40	A
JAN 10 67	35.1S	21.8W	313	27	B	32.5S	19.1W	331	10	A	31.5S	19.0W	52	4	A	31.3S	20.1W	99	5	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



## 200MB GHOST BALLOON 63L

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
JAN 11 67	31.6S	20.8W	183	1 B	31.8S	19.9W	264	7 A	31.9S	17.8W	268	11 A	31.9S	15.3W	268	11 A
JAN 12 67	32.1S	13.0W	264	9 B	32.3S	11.4W	255	5 A	32.6S	10.4W	246	4 A	33.0S	9.6W	247	4 A
JAN 13 67	33.3S	8.4W	257	6 B	33.5S	6.6W	263	9 A	33.7S	4.2W	266	12 A	33.8S	1.2W	268	14 A
JAN 14 67	33.9S	2.3E	268	16 B	34.0S	6.5E	267	20 A	34.4S	11.9E	263	27 A	35.4S	19.2E	259	36 A
JAN 15 67	37.2S	29.1E	256	48 B	40.0S	41.8E	254	57 A	43.0S	56.3E	255	58 A	45.6S	70.8E	258	52 A
JAN 16 67	47.0S	83.8E	267	41 A	46.4S	94.0E	282	32 A	44.5S	101.6E	297	26 A	42.0S	107.0E	308	22 B
JAN 17 67	39.5S	110.7E	313	16 A	37.8S	113.1E	311	11 A	36.7S	115.0E	298	9 B	36.1S	117.2E	282	11 B
JAN 18 67	35.7S	120.5E	275	17 A	35.5S	125.3E	272	22 A	35.4S	130.8E	271	23 B	35.3S	135.7E	270	18 B
JAN 19 67	35.3S	138.8E	268	8 A	35.4S	139.4E	94	2 A	35.3S	138.5E	78	5 A	34.9S	137.8E	13	3 A
JAN 20 67	34.1S	138.7E	302	12 A	32.6S	142.5E	292	23 A	30.7S	148.4E	289	31 B	28.8S	155.3E	287	33 A
JAN 21 67	27.0S	162.1E	285	30 A	25.7S	167.9E	281	25 A	25.1S	172.8E	272	21 B	25.4S	177.2E	257	20 A
JAN 22 67	26.9S	178.6W	241	22 A	29.5S	174.3W	230	25 A	32.9S	170.1W	225	25 B	36.4S	166.1W	223	23 A
JAN 23 67	39.3S	162.4W	227	19 A	41.1S	159.3W	246	12 A	41.0S	156.8W	306	10 B	38.6S	155.2W	347	20 A

RELIABILITY INDEX, R, RANGES FROM A (GOOD) TO D (POOR)

200MB GHOST BALLOON 70K

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
AUG 17 67	37.6S	112.6E	264	44 A	38.5S	123.2E	266	39 A	38.8S	132.0E	270	32 B	38.6S	139.3E	274	27 B
AUG 18 67	38.2S	145.5E	277	24 A	37.5S	151.0E	279	22 A	36.9S	156.1E	278	21 B	36.4S	161.4E	275	22 A
AUG 19 67	36.2S	167.0E	270	25 A	36.4S	173.5E	266	28 A	36.9S	179.3W	266	31 B	37.3S	171.5W	267	33 A
AUG 20 67	37.4S	163.3W	271	35 A	37.1S	154.6W	274	36 B	36.6S	145.6W	274	38 B	36.3S	136.1W	271	40 A
AUG 21 67	36.5S	126.3W	265	42 A	37.5S	116.0W	261	43 B	39.0S	105.9W	259	40 A	40.2S	96.4W	261	36 A
AUG 22 67	40.9S	88.1W	268	29 A	40.6S	81.4W	279	24 B	39.6S	75.6W	284	23 A	38.6S	70.0W	281	24 A
AUG 23 67	38.0S	63.8W	272	28 A	38.3S	56.5W	263	31 B	39.4S	48.9W	254	30 A	41.5S	42.2W	241	26 A
AUG 24 67	44.3S	37.6W	215	20 B	47.8S	35.7W	191	19 A	51.4S	34.8W	192	18 A	54.6S	32.7W	217	17 A
AUG 25 67	56.6S	27.0W	254	24 B	57.2S	16.1W	271	38 A	56.5S	.3W	276	51 A	55.1S	19.4E	277	63 A
AUG 26 67	53.5S	42.2E	277	74 A	52.0S	66.7E	275	78 A	50.9S	90.5E	273	73 A	50.5S	110.7E	270	57 A
AUG 27 67	50.9S	124.3E	261	31 A	52.4S	129.5E	207	11 A	54.5S	128.4E	142	15 B	57.0S	124.2E	134	19 B
AUG 28 67	59.5S	119.9E	145	14 A	61.6S	118.3E	178	10 A	63.3S	119.6E	218	10 B	64.7S	123.6E	243	13 B
AUG 29 67	65.6S	130.1E	256	17 C	66.2S	138.7E	263	20 C	66.5S	149.2E	268	23 C	66.6S	161.3E	270	26 D
AUG 30 67	66.5S	174.5E	272	28 D	66.3S	171.4W	273	30 D	66.0S	156.8W	273	31 C	65.7S	141.9W	273	31 C
AUG 31 67	65.4S	127.2W	272	31 C	65.3S	113.0W	271	30 B	65.3S	99.5W	269	28 B	65.4S	87.0W	267	26 A
SEP 1 67	65.8S	75.5W	264	23 A	66.3S	65.3W	261	20 B	66.9S	56.2W	260	18 C	67.5S	47.7W	261	16 C
SEP 2 67	67.9S	39.7W	265	16 C	68.0S	31.7W	271	15 C	67.8S	23.9W	275	15 C	67.4S	16.1W	279	15 B
SEP 3 67	66.9S	8.3W	281	16 B	66.3S	.7W	281	16 A	65.7S	6.9E	281	16 A	65.2S	14.4E	279	16 A
SEP 4 67	64.7S	21.9E	277	17 B	64.4S	29.5E	274	17 C	64.3S	37.1E	272	17 C	64.2S	44.9E	270	18 C
SEP 5 67	64.2S	53.0E	270	19 C	64.2S	61.5E	270	19 C	64.2S	70.3E	270	20 D	64.2S	79.5E	270	21 C
SEP 6 67	64.3S	88.9E	269	21 C	64.4S	98.4E	268	22 C	64.5S	108.2E	267	22 B	64.8S	118.1E	267	22 B
SEP 7 67	65.0S	128.2E	266	22 A	65.4S	138.3E	265	22 C	65.8S	148.6E	264	22 B	66.2S	158.9E	264	22 B
SEP 8 67	66.7S	169.3E	263	21 C	67.2S	179.7E	263	21 C	67.7S	169.9W	262	20 C	68.3S	159.5W	262	20 D
SEP 9 67	68.8S	149.1W	262	19 D	69.4S	138.8W	262	19 D	69.9S	128.5W	262	18 D	70.4S	118.3W	262	18 D
SEP 10 67	70.9S	108.2W	262	17 D	71.3S	98.2W	263	16 D	71.7S	88.4W	263	16 D	72.1S	78.7W	264	15 D
SEP 11 67	72.3S	69.1W	265	15 D	72.5S	59.8W	267	14 D	72.6S	50.7W	269	14 D	72.6S	41.8W	271	13 D
SEP 12 67	72.5S	33.1W	273	13 D	72.3S	24.7W	276	13 D	72.0S	16.6W	279	13 D	71.5S	8.7W	282	13 D
SEP 13 67	71.0S	1.3W	285	13 D	70.3S	5.8E	288	13 D	69.4S	12.6E	292	13 D	68.4S	19.0E	297	13 C
SEP 14 67	67.1S	25.1E	302	14 C	65.5S	31.0E	306	15 C	63.7S	36.5E	307	15 C	62.1S	41.3E	307	13 B
SEP 15 67	60.6S	45.3E	306	11 A	59.6S	48.6E	298	10 A	58.8S	52.5E	283	13 A	58.4S	58.7E	274	21 B
SEP 16 67	58.2S	68.6E	271	34 A	58.2S	83.4E	270	46 A	58.3S	101.5E	269	52 A	58.6S	121.0E	268	52 A
SEP 17 67	59.1S	139.9E	266	47 A	59.8S	156.4E	264	40 A	60.6S	170.3E	262	32 A	61.6S	178.2W	258	26 B
SEP 18 67	62.6S	169.2W	253	20 C	63.8S	162.3W	247	15 C	64.9S	156.6W	244	13 C	66.0S	151.4W	246	12 C
SEP 19 67	66.8S	145.4W	253	14 C	67.5S	138.0W	261	16 B	67.8S	129.0W	267	19 B	67.8S	118.2W	272	23 A
SEP 20 67	67.4S	105.5W	276	27 A	66.7S	91.2W	279	31 B	65.7S	75.8W	280	33 B	64.6S	60.5W	280	34 C
SEP 21 67	63.5S	46.1W	279	32 B	62.6S	33.3W	278	28 A	61.9S	22.5W	277	24 A	61.5S	13.6W	274	19 A
SEP 22 67	61.4S	6.7W	268	14 B	61.7S	1.8W	259	10 A	62.1S	1.8E	252	8 A	62.6S	4.8E	255	7 A
SEP 23 67	62.8S	7.7E	268	8 B	62.7S	11.3F	278	10 A	62.3S	15.8E	280	12 A	61.9S	21.3E	278	15 A
SEP 24 67	61.5S	28.2E	273	19 B	61.5S	36.4E	270	22 A	61.6S	45.6E	267	23 A	62.0S	55.4E	264	24 B
SEP 25 67	62.6S	65.3E	261	23 A	63.4S	74.9E	259	22 A	64.3S	84.1E	257	21 A	65.2S	92.8E	255	19 B
SEP 26 67	66.1S	100.9E	254	17 A	67.0S	108.4E	254	15 A	67.8S	115.6E	254	14 A	68.5S	122.6E	255	14 B
SEP 27 67	69.2S	129.9E	256	14 C	69.9S	137.8E	257	15 C	70.6S	146.9E	258	17 B	71.3S	157.9E	259	20 A
SEP 28 67	72.2S	171.5E	259	24 A	73.1S	171.9E	261	27 A	73.7S	152.9W	267	29 B	73.6S	132.6W	276	30 B
SEP 29 67	72.4S	111.8W	287	34 B	69.8S	91.4W	294	39 B	66.4S	72.1W	296	43 A	62.9S	54.4W	294	43 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 70K

		00 GMT		MPS R	06 GMT		MPS R	12 GMT		MPS R	18 GMT		MPS R			
SEP 30 67	59.8S	38.7W	289	39 A	57.9S	25.5W	281	34 A	57.2S	14.0W	272	31 A	57.5S	3.3W	262	29 A
OCT 1 67	58.9S	7.4E	253	31 B	61.0S	18.8E	248	32 A	63.4S	31.0E	248	31 A	65.3S	44.0E	254	30 A
OCT 2 67	66.3S	57.5E	268	29 A	65.8S	71.5E	281	31 A	64.3S	85.8E	286	33 A	62.4S	100.1E	285	35 B
OCT 3 67	60.9S	114.1E	280	35 A	60.2S	127.6E	272	34 A	60.3S	140.5E	266	33 B	60.9S	153.0E	262	31 A
OCT 4 67	61.9S	165.0E	259	29 A	63.0S	176.5E	257	27 A	64.3S	172.5W	254	25 B	65.6S	162.0W	251	23 A
OCT 5 67	67.2S	152.0W	247	21 A	68.8S	142.4W	243	19 A	70.6S	133.3W	238	18 B	72.5S	124.7W	234	16 C
OCT 6 67	74.3S	116.4W	229	15 C	76.2S	108.6W	225	13 C	77.9S	101.2W	221	12 D	79.6S	94.1W	218	10 D
OCT 7 67	81.1S	87.4W	215	9 D	82.5S	81.1W	213	8 C	83.6S	75.0W	213	6 C	84.5S	69.4W	217	5 C
OCT 8 67	85.0S	64.0W	230	3 B	85.2S	59.0W	269	2 B	85.0S	54.3W	312	3 A	84.5S	49.7W	330	4 A
OCT 9 67	83.5S	45.4W	337	6 B	82.2S	41.1W	339	8 B	80.7S	37.2W	340	9 A	78.9S	33.6W	341	10 A
OCT 10 67	77.1S	30.7W	342	10 B	75.2S	28.4W	346	11 B	73.0S	26.7W	350	13 A	70.0S	25.2W	352	18 A
OCT 11 67	65.8S	23.7W	352	25 B	60.3S	21.9W	351	31 A	54.3S	19.9W	347	30 A	49.2S	17.5W	339	24 A
OCT 12 67	45.9S	14.6W	311	15 B	45.5S	11.2W	252	14 A	47.4S	6.9W	229	23 A	51.0S	1.1W	224	31 A
OCT 13 67	55.7S	6.5E	225	36 B	60.6S	16.2E	228	36 A	64.7S	27.8E	237	32 A	67.1S	40.9E	258	28 B
OCT 14 67	66.7S	55.0E	291	32 A	62.9S	69.7E	306	43 A	57.3S	84.5E	307	51 A	51.8S	98.8E	299	51 B
OCT 15 67	48.4S	112.3E	282	45 A	48.4S	124.4E	259	40 A	50.9S	135.3E	244	38 B	54.4S	145.2E	237	34 A
OCT 16 67	57.4S	154.4E	244	27 A	58.9S	163.2E	261	23 A	59.1S	172.0E	273	24 B	58.7S	178.6W	275	26 A
OCT 17 67	58.3S	168.1W	271	30 A	58.6S	156.2W	264	34 A	59.7S	143.2W	259	36 B	61.3S	129.5W	253	36 A
OCT 18 67	63.6S	115.7W	247	34 A	66.3S	102.1W	243	31 B	68.9S	89.2W	242	26 B	70.9S	77.3W	249	20 C
OCT 19 67	71.5S	66.7W	274	16 B	70.5S	57.7W	303	17 A	68.0S	50.0W	317	21 A	64.8S	43.0W	320	23 A
OCT 20 67	61.3S	36.4W	317	24 B	58.1S	29.7W	309	25 A	55.3S	21.9W	297	28 A	53.2S	12.2W	284	35 A
OCT 21 67	52.0S	.3E	275	45 B	51.7S	16.3E	269	55 B	52.3S	34.5E	266	59 B	53.2S	53.4E	264	58 B
OCT 22 67	54.4S	71.6E	263	52 A	55.5S	87.7E	263	44 A	56.6S	101.7E	261	37 B	57.8S	113.7E	258	31 B
OCT 23 67	59.3S	124.0E	252	26 C	60.9S	132.9E	247	23 B	62.5S	141.0E	250	20 B	63.5S	149.2E	261	20 A
OCT 24 67	63.6S	158.4E	277	23 A	62.5S	169.2E	286	29 A	60.9S	178.5W	285	34 B	59.5S	164.8W	278	38 A
OCT 25 67	59.2S	150.0W	266	40 A	60.4S	134.4W	257	42 A	62.6S	118.2W	254	40 B	64.4S	101.7W	259	37 C
OCT 26 67	65.0S	85.4W	273	35 B	63.6S	69.6W	288	37 A	60.9S	54.5W	293	39 A	58.1S	40.5W	290	39 A
OCT 27 67	56.1S	28.0W	280	34 B	55.8S	17.1W	264	30 A	57.0S	7.1W	251	29 A	59.3S	2.8E	244	30 A
OCT 28 67	62.0S	13.6E	242	31 B	64.8S	25.8E	244	31 A	67.3S	38.9E	246	29 A	69.1S	51.9E	252	24 B
OCT 29 67	70.1S	63.9E	264	20 A	70.0S	74.3E	278	18 A	69.4S	84.0E	282	18 A	68.8S	93.9E	274	19 B
OCT 30 67	69.1S	105.1E	259	23 A	70.5S	118.4E	247	27 A	73.0S	133.7E	240	28 A	75.8S	150.7E	237	27 B
OCT 31 67	78.6S	169.2E	236	23 B	80.8S	171.3W	239	19 C	82.3S	151.9W	246	14 C	83.1S	133.5W	262	11 C
NOV 1 67	82.9S	117.3W	290	10 C	81.8S	104.2W	312	12 B	79.9S	94.0W	323	14 B	77.6S	86.0W	328	15 A
NOV 2 67	75.2S	79.7W	330	15 A	72.8S	74.8W	331	14 B	70.5S	71.0W	333	13 B	68.4S	68.0W	335	11 C
NOV 3 67	66.6S	65.8W	337	10 B	65.0S	64.1W	335	8 B	63.7S	62.5W	324	7 A	62.7S	60.3W	301	7 A
NOV 4 67	62.3S	57.1W	278	9 B	62.3S	52.3W	265	13 B	62.7S	45.9W	259	18 A	63.6S	37.4W	256	22 A
NOV 5 67	64.8S	26.9W	254	27 A	66.4S	14.4W	252	29 B	68.1S	1.0W	251	27 C	69.8S	11.9E	249	23 B
NOV 6 67	71.3S	22.7E	247	17 A	72.4S	30.5E	244	11 A	73.1S	35.6E	242	7 A	73.6S	38.8E	240	4 B
NOV 7 67	74.0S	40.8E	241	3 A	74.2S	42.3E	251	2 A	74.2S	43.6E	279	2 A	74.0S	45.0E	307	2 B
NOV 8 67	73.6S	46.5E	320	4 A	72.9S	48.5E	323	6 A	71.8S	51.2E	322	8 A	70.4S	54.8E	318	11 B
NOV 9 67	68.6S	59.7E	313	15 B	66.5S	66.2E	308	19 A	64.1S	74.1E	303	23 A	61.7S	83.7E	297	28 B
NOV 10 67	59.2S	94.9E	292	34 A	56.8S	107.6E	288	39 A	54.6S	121.0E	285	41 B	52.8S	134.2E	282	41 A
NOV 11 67	51.3S	146.2E	280	36 A	50.3S	156.3E	277	30 A	49.9S	164.7E	271	25 B	50.1S	171.4E	261	20 B
NOV 12 67	51.2S	176.9E	245	18 A	53.0S	178.7W	226	16 A	55.4S	175.9W	202	14 B	58.0S	175.2W	173	14 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 70K

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
NOV 13 67	60.6S	177.2W	145	16 A	62.8S	177.9E	126	17 A	64.4S	171.3E	112	16 B	65.1S	164.9E	92	13 A
NOV 14 67	64.5S	160.1E	48	10 A	62.6S	158.4E	1	12 A	60.0S	159.7E	333	15 A	57.6S	163.6E	307	18 A
NOV 15 67	56.2S	169.8E	279	21 A	56.4S	177.6E	258	24 A	57.9S	174.0W	247	25 B	60.0S	166.2W	237	22 A
NOV 16 67	62.2S	160.1W	227	16 A	64.1S	156.6W	212	10 A	65.4S	155.2W	192	6 B	66.3S	155.2W	169	3 A
NOV 17 67	66.7S	155.5W	144	1 A	66.6S	155.6W	341	2 A	66.0S	154.9W	329	5 B	64.9S	153.0W	322	9 A
NOV 18 67	63.2S	149.6W	317	15 A	60.8S	144.4W	312	20 A	58.2S	138.1W	306	22 B	55.9S	131.6W	300	21 A
NOV 19 67	54.3S	125.6W	290	17 A	53.7S	120.8W	272	13 A	54.0S	116.8W	252	12 A	55.0S	113.1W	240	13 A
NOV 20 67	56.5S	109.1W	237	15 B	58.1S	104.4W	239	16 B	59.6S	99.1W	243	16 A	60.9S	93.3W	250	16 A
NOV 21 67	61.6S	87.3W	262	15 A	61.7S	81.2W	273	15 A	61.5S	75.0W	275	16 A	61.3S	68.5W	270	17 A
NOV 22 67	61.6S	61.6W	258	18 A	62.8S	54.2W	247	19 A	64.5S	46.9W	237	19 A	66.5S	40.3W	229	16 A
NOV 23 67	68.6S	35.1W	218	13 B	70.4S	31.8W	206	10 A	71.9S	30.0W	196	8 A	73.3S	29.0W	191	6 A
NOV 24 67	74.3S	28.2W	193	5 B	75.2S	27.1W	207	5 A	76.0S	24.5W	228	6 A	76.9S	19.4W	240	9 A
NOV 25 67	77.9S	10.6W	245	13 B	79.0S	2.4E	246	16 B	80.4S	19.1E	245	17 A	81.8S	38.1E	242	16 A
NOV 26 67	83.3S	58.4E	239	14 A	84.7S	78.8E	235	12 B	85.9S	98.5E	235	9 B	86.6S	116.9E	244	6 A
NOV 27 67	86.8S	133.2E	281	4 A	86.3S	146.8E	315	6 A	85.3S	158.0E	326	8 B	83.9S	167.1E	329	9 B
NOV 28 67	82.4S	174.5E	329	9 C	81.1S	179.4W	325	8 B	80.0S	174.1W	315	6 B	79.4S	169.1W	290	5 A
NOV 29 67	79.4S	164.0W	249	6 A	80.0S	158.2W	230	7 B	80.9S	151.7W	233	7 B	81.4S	144.6W	265	6 C
NOV 30 67	80.9S	137.0W	314	9 C	79.0S	128.9W	328	16 C	75.9S	120.4W	329	21 C	72.1S	111.7W	326	25 C
DEC 1 67	67.9S	102.8W	321	28 B	63.8S	93.9W	315	29 B	60.1S	85.2W	309	28 A	57.0S	77.0W	301	26 A
DEC 2 67	54.9S	69.6W	290	22 A	54.1S	63.3W	275	17 A	54.2S	58.1W	257	14 A	55.2S	54.1W	236	12 A
DEC 3 67	56.8S	51.3W	213	11 B	58.6S	49.8W	196	10 A	60.3S	49.1W	188	8 A	61.5S	48.8W	189	4 A
DEC 4 67	61.7S	48.5W	329	3 A	60.6S	47.6W	342	9 A	58.6S	46.3W	340	13 A	56.1S	44.5W	335	14 A
DEC 5 67	53.7S	42.2W	326	14 A	51.7S	39.4W	311	13 A	50.5S	36.0W	289	12 A	50.2S	32.2W	264	14 A
DEC 6 67	51.1S	27.7W	243	17 A	53.2S	22.6W	233	22 A	55.9S	16.3W	236	25 A	58.4S	8.1W	246	27 A
DEC 7 67	59.9S	2.4E	263	31 A	59.8S	15.5E	277	37 A	58.4S	29.8E	284	40 A	56.3S	43.6E	288	39 A
DEC 8 67	53.9S	55.0E	292	32 A	51.8S	62.6E	299	20 A	50.2S	66.1E	325	8 A	49.3S	65.4E	76	9 B
DEC 9 67	49.3S	60.6E	98	23 A	50.5S	52.1E	104	33 A	52.3S	41.8E	108	34 B	54.3S	32.4E	111	26 B
DEC 10 67	55.9S	26.2E	121	12 A	56.7S	25.2E	241	5 A	56.9S	28.8E	272	15 A	56.6S	35.8E	275	23 A
DEC 11 67	56.1S	44.9E	275	28 A	55.6S	55.1E	276	31 A	54.8S	65.6E	279	31 A	53.7S	75.9E	284	31 B
DEC 12 67	51.9S	85.3E	292	30 A	49.3S	93.3E	301	28 A	46.4S	99.8E	306	25 B	43.7S	104.8E	307	20 B
DEC 13 67	41.8S	108.4E	302	13 A	41.0S	110.6E	282	6 A	41.1S	111.5E	192	2 B	41.8S	110.9E	128	6 B
DEC 14 67	42.4S	108.9E	107	10 A	42.9S	105.7E	95	14 A	43.0S	101.6E	89	16 B	42.7S	97.1E	84	17 B
DEC 15 67	42.2S	92.9E	78	16 C	41.5S	89.4E	70	12 C	40.7S	87.5E	44	5 B	40.2S	87.9E	281	8 B
DEC 16 67	40.2S	91.6E	265	22 A	40.9S	99.1E	261	36 A	42.3S	109.3E	259	44 A	44.3S	121.2E	256	47 A
DEC 17 67	46.8S	133.5E	252	45 A	49.5S	145.1E	249	40 A	52.1S	155.6E	249	34 B	53.9S	164.9E	257	27 A
DEC 18 67	54.4S	172.8E	276	21 A	53.1S	179.2E	300	21 A	50.7S	175.5W	309	21 B	48.3S	170.7W	305	20 A
DEC 19 67	46.6S	165.9W	285	18 A	46.4S	160.6W	263	20 A	47.3S	154.9W	254	21 A	48.4S	148.9W	255	22 A
DEC 20 67	49.2S	142.5W	265	22 A	49.1S	135.9W	277	23 B	48.2S	129.2W	284	24 B	46.9S	122.5W	287	24 C
DEC 21 67	45.5S	115.9W	287	24 B	44.3S	109.6W	284	23 B	43.3S	103.8W	281	21 A	42.7S	98.5W	278	19 A
DEC 22 67	42.3S	94.1W	273	15 A	42.3S	90.5W	268	12 B	42.4S	87.7W	266	10 A	42.5S	85.1W	271	9 A
DEC 23 67	42.3S	82.6W	283	10 A	41.6S	79.8W	289	12 B	40.8S	76.4W	286	15 A	40.1S	72.2W	279	19 A
DEC 24 67	39.8S	66.9W	270	23 A	40.0S	60.5W	264	27 B	40.8S	53.6W	260	27 B	41.9S	47.1W	255	23 A
DEC 25 67	43.0S	42.1W	249	16 B	44.2S	38.9W	240	11 A	45.2S	36.3W	245	12 A	46.0S	32.5W	257	18 A
DEC 26 67	46.8S	25.7W	264	31 A	47.4S	14.9W	267	44 A	47.7S	1.5W	268	48 A	47.9S	12.3E	270	46 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 70K		00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R				
DEC 27 67	47.7S	24.4E	273	36	A	47.1S	33.3E	277	26	A	46.4S	39.8E	281	21	A	45.6S	45.6E	280	22	B
DEC 28 67	44.9S	52.3E	276	28	A	44.4S	61.0E	273	36	A	44.1S	71.6E	271	42	A	44.0S	83.4E	270	45	B
DEC 29 67	44.0S	95.8E	270	46	A	44.1S	108.3E	269	46	A	44.3S	120.4E	269	44	B	44.5S	131.8E	268	40	A
DEC 30 67	44.7S	142.0E	268	35	A	45.0S	150.8E	268	29	A	45.2S	158.2E	267	25	B	45.4S	164.7E	267	22	A
DEC 31 67	45.6S	170.3E	267	19	A	45.8S	175.4E	267	18	A	46.0S	179.8W	267	17	B	46.2S	175.1W	267	17	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 92X

	00 GMT			MPS R	06 GMT			MPS R	12 GMT			MPS R	18 GMT			MPS R
AUG 18 67	38.5S	162.2W	277	41 A	37.6S	152.3W	276	39 B	36.8S	143.0W	276	37 B	36.2S	134.3W	275	35 A
AUG 19 67	35.6S	126.1W	274	33 A	35.2S	118.5W	273	31 B	34.9S	111.4W	272	29 B	34.8S	104.8W	271	27 C
AUG 20 67	34.7S	98.6W	270	25 C	34.8S	92.9W	268	23 C	35.0S	87.5W	267	22 D	35.3S	82.3W	266	22 D
AUG 21 67	35.7S	77.1W	265	22 D	36.1S	71.8W	264	22 D	36.5S	66.4W	264	23 D	37.0S	60.7W	264	24 D
AUG 22 67	37.5S	54.7W	264	25 D	38.1S	48.3W	264	27 C	38.6S	41.3W	265	30 C	39.1S	33.4W	267	34 C
AUG 23 67	39.4S	24.4W	268	39 B	39.5S	14.1W	269	43 B	39.6S	2.9W	269	45 A	39.9S	8.4E	267	44 A
AUG 24 67	40.6S	19.4E	263	41 B	41.9S	29.5E	258	38 B	43.6S	38.6E	253	34 C	45.6S	47.0E	249	31 B
AUG 25 67	47.9S	54.8E	245	29 A	50.4S	62.2E	242	27 A	52.8S	69.4E	242	26 B	55.1S	76.9E	244	25 B
AUG 26 67	57.1S	85.0E	248	26 C	58.7S	93.9E	254	26 C	60.0S	103.7E	258	27 C	61.0S	114.0E	261	27 D
AUG 27 67	61.7S	124.8E	263	27 D	62.2S	135.8E	265	27 D	62.6S	147.1E	267	27 D	62.8S	158.5E	269	27 D
AUG 28 67	62.8S	170.0E	271	27 D	62.7S	178.4W	272	28 D	62.4S	166.8W	274	28 D	62.0S	155.2W	275	28 D
AUG 29 67	61.5S	143.8W	276	28 D	61.0S	132.6W	276	28 D	60.3S	121.7W	277	28 D	59.7S	111.1W	277	27 D
AUG 30 67	59.0S	100.9W	278	27 D	58.3S	91.1W	278	26 C	57.6S	81.9W	278	25 C	56.9S	73.4W	278	23 C
AUG 31 67	56.3S	65.6W	279	21 B	55.7S	58.7W	279	19 B	55.2S	52.6W	278	17 A	54.8S	47.2W	276	16 A
SEP 1 67	54.6S	42.2W	273	14 B	54.6S	37.5W	268	14 B	54.7S	33.0W	264	14 A	55.1S	28.3W	260	15 A
SEP 2 67	55.8S	23.1W	256	16 B	56.6S	17.2W	254	18 B	57.7S	10.7W	253	20 C	58.9S	3.7W	252	20 C
SEP 3 67	60.1S	3.7E	252	20 C	61.4S	11.4E	252	20 D	62.6S	19.3E	253	20 D	63.7S	27.4E	254	19 D
SEP 4 67	64.7S	35.7E	256	19 C	65.4S	44.1E	259	18 C	66.0S	52.6E	263	18 C	66.2S	61.0E	269	18 B
SEP 5 67	66.1S	69.4E	276	17 B	65.5S	77.7E	283	18 A	64.5S	85.8E	288	19 A	63.2S	93.8E	292	20 B
SEP 6 67	61.7S	101.7E	294	21 B	60.0S	109.5E	295	22 C	58.2S	117.2E	294	23 B	56.5S	124.9E	291	24 B
SEP 7 67	54.9S	132.6E	288	24 A	53.6S	140.4E	284	24 A	52.6S	148.1E	281	25 B	51.8S	155.8E	278	24 B
SEP 8 67	51.2S	163.3E	276	24 C	50.8S	170.7E	275	24 C	50.4S	177.7E	274	23 C	50.1S	175.6W	274	21 C
SEP 9 67	49.8S	169.3W	275	20 C	49.5S	163.6W	276	18 B	49.1S	158.4W	279	17 B	48.5S	153.9W	282	15 A
SEP 10 67	47.8S	150.0W	288	13 A	47.0S	146.8W	294	11 B	46.1S	144.0W	295	11 B	45.3S	141.3W	291	10 A
SEP 11 67	44.7S	138.5W	282	11 A	44.4S	135.4W	272	13 B	44.5S	131.7W	266	15 B	44.9S	127.2W	262	18 C
SEP 12 67	45.5S	121.8W	260	22 C	46.3S	115.3W	259	26 B	47.4S	107.7W	258	29 B	48.6S	99.0W	258	32 A
SEP 13 67	49.9S	89.1W	258	35 A	51.3S	78.1W	259	37 B	52.7S	66.3W	259	38 A	54.0S	54.1W	260	38 A
SEP 14 67	55.2S	41.7W	261	37 B	56.2S	29.4W	263	35 B	57.0S	17.2W	264	34 C	57.6S	5.1W	265	33 C
SEP 15 67	58.0S	6.9E	266	33 C	58.4S	19.0E	267	33 D	58.6S	31.2E	268	32 D	58.8S	43.3E	269	32 D
SEP 16 67	58.8S	55.3E	270	32 D	58.8S	67.4E	271	32 D	58.7S	79.3E	271	32 D	58.5S	91.3E	272	32 D
SEP 17 67	58.2S	103.1E	272	32 D	58.0S	114.9E	273	32 D	57.6S	126.7E	273	32 D	57.3S	138.3E	273	32 D
SEP 18 67	56.9S	149.9E	273	32 D	56.6S	161.4E	273	33 D	56.2S	172.8E	273	33 C	55.9S	175.9W	273	33 C
SEP 19 67	55.6S	164.7W	273	32 C	55.3S	153.6W	272	32 B	55.1S	142.6W	272	32 B	54.9S	131.7W	271	32 A
SEP 20 67	54.8S	121.0W	271	32 A	54.8S	110.4W	270	31 B	54.9S	99.9W	269	31 B	55.0S	89.6W	269	30 C
SEP 21 67	55.2S	79.3W	268	30 C	55.4S	69.2W	267	29 C	55.7S	59.3W	267	29 D	56.0S	49.4W	266	28 D
SEP 22 67	56.5S	39.7W	265	28 D	56.9S	30.0W	265	27 D	57.4S	20.5W	264	26 D	58.0S	11.1W	263	26 D
SEP 23 67	58.6S	1.9W	263	25 D	59.2S	7.3E	262	24 D	59.9S	16.4E	261	24 D	60.6S	25.3E	261	23 D
SEP 24 67	61.3S	34.2E	260	22 D	62.1S	42.9E	259	21 D	62.8S	51.5E	258	21 D	63.7S	60.0E	258	20 D
SEP 25 67	64.5S	68.5E	257	19 D	65.3S	76.8E	256	18 D	66.2S	85.0E	255	18 D	67.1S	93.1E	254	17 D
SEP 26 67	68.0S	101.2E	253	16 D	68.9S	109.1E	252	15 D	69.8S	116.9E	252	15 D	70.7S	124.7E	251	14 D
SEP 27 67	71.6S	132.3E	250	13 D	72.5S	139.9E	249	13 D	73.3S	147.4E	247	12 D	74.2S	154.8E	246	11 D
SEP 28 67	75.1S	162.1E	245	11 D	75.9S	169.3E	244	10 D	76.8S	176.5E	243	9 D	77.6S	176.5W	242	9 D
SEP 29 67	78.4S	169.5W	241	8 D	79.2S	162.6W	240	8 D	79.9S	155.8W	239	7 D	80.6S	149.0W	238	7 D
SEP 30 67	81.3S	142.3W	237	6 D	81.9S	135.7W	236	6 D	82.5S	129.2W	236	5 D	83.1S	122.7W	235	5 D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 92X  
00 GMT

					06 GMT					12 GMT					18 GMT				
					MPS R					MPS R					MPS R				
OCT 1 67	83.6S	116.3W	235	4 D	84.1S	110.0W	236	4 D	84.5S	103.7W	237	4 D	84.8S	97.5W	239	3 D			
OCT 2 67	85.2S	91.4W	241	3 D	85.4S	85.3W	245	3 D	85.6S	79.3W	251	3 D	85.7S	73.3W	258	2 D			
OCT 3 67	85.8S	67.4W	266	2 D	85.8S	61.6W	276	2 D	85.7S	55.8W	285	2 D	85.5S	50.0W	293	2 D			
OCT 4 67	85.3S	44.3W	300	3 D	85.0S	38.7W	305	3 D	84.6S	33.1W	310	3 D	84.1S	27.6W	313	4 D			
OCT 5 67	83.6S	22.0W	315	4 D	82.9S	16.6W	316	5 D	82.2S	11.2W	317	6 D	81.3S	5.8W	318	6 D			
OCT 6 67	80.4S	.5W	318	7 D	79.4S	4.8E	318	7 D	78.2S	10.1E	318	8 D	77.0S	15.3E	318	9 D			
OCT 7 67	75.6S	20.5E	319	10 C	74.0S	25.7E	319	11 C	72.4S	30.8E	317	12 C	70.7S	35.9E	315	12 B			
OCT 8 67	69.0S	41.0E	313	12 B	67.4S	45.9E	312	13 A	65.5S	50.9E	315	15 A	63.2S	56.0E	319	18 B			
OCT 9 67	60.0S	61.4E	323	24 A	55.9S	67.1E	322	28 A	51.6S	73.4E	316	30 A	47.6S	80.2E	305	30 B			
OCT 10 67	45.0S	87.7E	287	30 A	44.2S	95.8E	271	31 A	44.5S	104.4E	263	32 A	45.3S	113.1E	264	31 B			
OCT 11 67	45.6S	121.5E	272	30 A	44.9S	129.5E	283	29 A	43.3S	136.9E	289	28 A	41.5S	143.7E	291	26 A			
OCT 12 67	39.9S	149.6E	288	23 A	38.8S	154.7E	282	19 A	38.2S	158.9E	277	15 B	38.0S	162.3E	274	12 A			
OCT 13 67	37.9S	164.9E	273	9 A	37.7S	166.7E	284	7 A	37.1S	168.1E	312	7 B	35.7S	169.4E	330	11 A			
OCT 14 67	33.2S	170.9E	336	19 A	29.3S	172.9E	335	24 A	25.3S	175.4E	327	23 B	22.4S	178.3E	304	17 A			
OCT 15 67	22.0S	178.7W	246	17 A	25.0S	175.4W	215	28 A	30.2S	171.8W	210	34 B	35.9S	167.7W	213	33 A			
OCT 16 67	40.4S	163.1W	228	26 A	42.5S	157.7W	259	22 A	42.3S	151.6W	284	25 B	40.3S	144.8W	296	31 B			
OCT 17 67	37.1S	137.5W	301	37 C	33.2S	129.5W	300	41 C	29.2S	120.9W	296	45 C	25.7S	111.7W	289	47 C			
OCT 18 67	23.4S	101.6W	279	50 B	22.7S	90.7W	269	53 B	23.6S	79.4W	260	55 A	26.0S	68.0W	252	55 A			
OCT 19 67	30.3S	57.0W	242	54 B	35.8S	46.6W	233	51 B	41.9S	37.4W	226	45 A	47.7S	29.6W	220	37 A			
OCT 20 67	52.5S	23.7W	217	25 B	55.5S	19.9W	217	14 B	56.9S	17.8W	236	5 C	56.7S	16.7W	333	4 C			
OCT 21 67	55.4S	16.2W	352	9 C	53.1S	15.7W	354	14 C	50.1S	15.2W	355	17 D	46.4S	14.7W	355	20 D			
OCT 22 67	42.3S	14.3W	356	22 C	37.9S	13.9W	356	23 C	33.4S	13.4W	353	23 C	29.2S	12.6W	348	21 B			
OCT 23 67	25.5S	11.3W	337	19 B	22.5S	9.5W	324	17 A	20.1S	7.4W	314	15 A	18.3S	5.1W	309	13 B			
OCT 24 67	16.8S	3.2W	309	11 B	15.6S	1.6W	308	9 A	14.9S	.3W	289	7 A	14.9S	1.0E	252	7 B			
OCT 25 67	15.9S	2.6E	228	12 B	18.0S	4.8E	224	19 A	21.0S	8.1E	228	25 A	24.4S	12.7E	236	31 A			
OCT 26 67	27.6S	19.3E	246	38 A	30.4S	27.9E	252	45 A	33.0S	38.2E	255	49 A	35.6S	49.7E	254	52 A			
OCT 27 67	38.5S	61.8E	252	52 A	41.9S	74.1E	249	50 A	45.2S	86.2E	250	46 A	47.9S	98.0E	254	42 B			
OCT 28 67	49.4S	109.5E	265	38 A	49.1S	120.3E	278	36 A	47.5S	130.2E	289	34 B	45.0S	138.8E	297	31 B			
OCT 29 67	42.2S	145.5E	304	26 C	39.4S	150.4E	311	21 C	36.9S	153.6E	318	17 B	34.7S	156.0E	320	14 A			
OCT 30 67	32.8S	158.0E	313	12 A	31.4S	160.3E	300	13 A	30.4S	163.0E	289	14 B	29.6S	166.3E	282	17 A			
OCT 31 67	28.9S	170.4E	279	20 A	28.4S	175.2E	277	23 A	27.9S	179.6W	276	24 B	27.4S	174.6W	276	22 A			
NOV 1 67	27.0S	170.3W	277	18 A	26.6S	167.0W	276	13 A	26.5S	164.5W	269	10 B	26.7S	162.4W	254	10 A			
NOV 2 67	27.6S	160.3W	239	12 A	29.1S	157.8W	232	15 A	31.0S	154.9W	234	17 B	33.0S	151.5W	240	18 A			
NOV 3 67	34.5S	147.5W	251	19 A	35.3S	142.9W	263	21 B	35.6S	137.7W	270	23 B	35.4S	131.9W	274	25 C			
NOV 4 67	35.0S	125.7W	275	27 C	34.6S	119.2W	274	28 C	34.3S	112.4W	270	29 C	34.6S	105.5W	264	29 C			
NOV 5 67	35.6S	98.7W	255	29 B	37.6S	92.1W	245	29 B	40.3S	85.6W	239	30 A	43.5S	78.8W	236	32 A			
NOV 6 67	47.1S	71.5W	234	32 A	50.7S	63.7W	237	32 B	53.8S	54.8W	245	32 A	55.7S	44.6W	260	32 A			
NOV 7 67	55.8S	32.7W	278	38 B	53.7S	18.9W	289	46 B	50.3S	4.1W	291	53 B	46.5S	11.0E	290	56 B			
NOV 8 67	43.3S	25.3E	284	53 A	41.5S	38.2E	278	47 A	40.6S	49.5E	274	41 A	40.1S	59.3E	275	36 B			
NOV 9 67	39.1S	67.7E	282	31 A	37.4S	74.8E	290	28 A	35.6S	80.8E	289	25 A	34.6S	86.2E	275	22 B			
NOV 10 67	35.2S	91.2E	247	23 A	37.9S	96.2E	228	28 A	41.9S	101.5E	225	30 B	45.6S	107.1E	232	27 B			
NOV 11 67	47.9S	113.4E	257	24 A	47.6S	120.6E	284	27 A	45.6S	128.9E	292	35 B	43.0S	138.6E	288	42 A			
NOV 12 67	41.1S	150.0E	278	49 A	40.5S	163.2E	269	54 B	41.1S	177.3E	266	55 B	41.9S	168.9W	266	51 A			
NOV 13 67	42.3S	156.6W	270	43 A	41.8S	146.5W	278	35 A	40.6S	138.2W	282	30 B	39.5S	131.0W	281	28 B			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 92X

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
NOV 14 67	38.8S	124.1W	273	28 B	39.0S	116.7W	263	31 B	40.1S	108.8W	258	33 A	41.7S	100.2W	254	36 A
NOV 15 67	43.7S	90.8W	253	38 A	45.9S	80.7W	254	38 B	47.8S	70.6W	256	35 A	49.1S	61.2W	261	30 A
NOV 16 67	49.5S	53.3W	272	23 A	48.8S	47.4W	288	18 A	47.6S	42.7W	291	17 A	46.7S	38.0W	278	18 A
NOV 17 67	46.8S	32.2W	258	25 B	48.6S	24.3W	248	32 A	51.1S	14.8W	248	35 A	53.4S	4.5W	254	33 A
NOV 18 67	54.4S	5.8E	271	30 B	53.3S	15.6E	290	31 A	50.5S	24.6E	301	33 A	46.9S	32.9E	305	34 A
NOV 19 67	43.2S	40.5E	304	32 A	40.0S	47.5E	298	31 A	37.6S	54.8E	288	33 A	36.0S	63.3E	279	40 A
NOV 20 67	35.2S	74.2E	272	52 A	35.3S	87.9E	268	63 A	36.0S	103.6E	266	67 B	37.0S	119.6E	265	65 B
NOV 21 67	38.1S	134.6E	265	57 A	39.0S	147.4E	265	47 A	39.6S	158.1E	266	39 B	40.1S	167.1E	267	32 B
NOV 22 67	40.4S	174.6E	268	27 B	40.5S	179.0W	269	23 B	40.5S	173.3W	271	21 A	40.4S	168.1W	272	20 A
NOV 23 67	40.2S	163.1W	273	20 A	40.0S	158.1W	274	20 B	39.7S	153.0W	274	20 B	39.4S	147.9W	274	20 C
NOV 24 67	39.1S	142.8W	275	20 C	38.8S	137.8W	275	20 C	38.4S	132.9W	275	20 D	38.1S	128.1W	275	20 D
NOV 25 67	37.8S	123.3W	274	20 D	37.5S	118.4W	274	20 C	37.3S	113.6W	273	20 C	37.1S	108.8W	273	20 C
NOV 26 67	36.9S	103.9W	272	20 B	36.8S	99.0W	271	20 B	36.8S	94.1W	270	20 A	36.9S	89.2W	268	20 A
NOV 27 67	37.1S	84.3W	265	20 B	37.5S	79.4W	263	20 B	38.0S	74.4W	263	21 A	38.5S	69.3W	264	21 A
NOV 28 67	38.8S	64.0W	267	22 A	39.0S	58.3W	269	23 B	39.1S	52.4W	268	24 A	39.3S	46.2W	265	25 A
NOV 29 67	40.0S	39.7W	260	27 B	41.1S	32.9W	257	28 A	42.4S	25.5W	257	30 A	43.5S	17.5W	261	32 A
NOV 30 67	44.2S	8.5W	267	35 B	44.2S	1.5E	273	38 A	43.6S	11.7E	275	38 A	42.9S	21.3E	276	34 A
DEC 1 67	42.3S	29.3E	274	27 A	42.2S	35.2E	269	19 A	42.4S	39.3E	262	13 A	42.9S	42.4E	256	11 B
DEC 2 67	43.4S	45.1E	256	11 A	43.9S	48.1E	262	12 A	44.0S	51.8E	270	15 A	43.8S	56.5E	278	20 B
DEC 3 67	43.0S	62.6E	284	26 A	41.4S	70.1E	286	33 A	39.7S	78.9E	283	37 A	38.3S	88.3E	278	39 B
DEC 4 67	37.7S	97.8E	270	38 A	38.3S	107.0E	262	37 A	39.6S	116.1E	259	37 B	40.8S	125.3E	262	36 B
DEC 5 67	41.2S	134.7E	272	37 A	40.3S	144.5E	280	39 A	38.9S	154.3E	281	39 B	37.7S	163.3E	276	34 A
DEC 6 67	37.8S	170.9E	259	28 A	39.7S	176.8E	236	25 A	42.9S	178.3W	224	25 B	46.4S	173.5W	226	25 A
DEC 7 67	49.3S	168.0W	240	24 A	51.0S	160.9W	258	25 A	51.5S	152.9W	271	27 B	51.0S	144.5W	279	27 A
DEC 8 67	49.8S	136.5W	286	26 A	48.2S	129.5W	292	24 A	46.4S	123.3W	294	23 B	44.6S	117.7W	294	22 C
DEC 9 67	43.0S	112.3W	290	21 B	41.8S	106.9W	285	21 B	40.9S	101.7W	280	20 A	40.5S	96.7W	275	19 A
DEC 10 67	40.3S	92.1W	269	17 A	40.5S	87.9W	265	15 B	40.8S	84.4W	262	12 A	41.1S	82.0W	262	8 A
DEC 11 67	41.2S	80.7W	282	2 A	40.9S	80.8W	51	3 B	40.5S	81.8W	63	6 A	40.0S	83.3W	69	6 A
DEC 12 67	39.6S	84.6W	77	5 A	39.6S	85.4W	131	2 B	40.1S	85.1W	224	6 A	41.3S	83.2W	234	14 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



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		00 GMT			MPS R			06 GMT			MPS R			12 GMT			MPS R			18 GMT			MPS R		
DEC 18 67	43.8S	179.9E	21	9	A	42.2S	179.7E	19	7	A	41.3S	178.9E	46	5	B	40.9S	178.0E	76	4	A					
DEC 19 67	40.9S	177.3E	123	2	A	41.3S	177.2E	203	3	A	42.0S	178.0E	235	7	B	42.8S	179.8W	248	12	A					
DEC 20 67	43.7S	175.9W	256	19	A	44.5S	170.2W	259	24	A	45.5S	163.4W	258	26	B	46.6S	156.6W	255	24	A					
DEC 21 67	47.9S	150.7W	246	19	A	49.6S	146.5W	232	15	A	51.5S	143.1W	226	15	B	53.5S	139.4W	231	17	A					
DEC 22 67	55.6S	134.2W	240	21	A	57.5S	126.8W	248	25	A	59.1S	117.6W	255	27	B	60.2S	107.6W	262	26	B					
DEC 23 67	60.5S	97.4W	272	25	B	59.9S	87.9W	281	24	B	58.9S	78.7W	284	25	A	57.7S	69.4W	281	27	A					
DEC 24 67	57.0S	59.4W	274	29	A	57.1S	48.4W	266	32	A	57.7S	36.4W	263	35	A	58.7S	23.5W	261	36	A					
DEC 25 67	59.7S	9.7W	263	37	B	60.5S	4.8E	265	37	A	61.1S	19.2E	267	35	A	61.3S	32.7E	269	31	A					
DEC 26 67	61.2S	44.3E	274	26	A	60.7S	53.4E	280	21	A	59.8S	60.6E	287	17	A	58.7S	66.5E	295	16	B					
DEC 27 67	57.2S	71.8E	299	17	A	55.6S	77.2E	296	19	A	54.1S	83.5E	288	22	A	53.1S	91.1E	277	26	B					
DEC 28 67	53.0S	100.7E	267	33	A	53.9S	112.6E	260	40	A	55.6S	126.0E	256	42	A	57.7S	140.0E	254	40	A					
DEC 29 67	59.7S	153.4E	254	35	A	61.3S	165.4E	256	28	A	62.3S	175.5E	260	22	A	62.7S	176.6W	269	16	B					
DEC 30 67	62.4S	171.3W	292	10	A	61.3S	168.8W	333	8	A	59.9S	168.3W	6	8	B	58.4S	169.1W	26	7	A					
DEC 31 67	57.4S	170.4W	46	5	A	57.1S	171.5W	86	2	A	57.2S	172.0W	162	1	B	57.4S	171.6W	259	2	A					
JAN 1 68	57.3S	170.2W	291	6	A	56.5S	167.6W	299	10	A	55.5S	164.3W	298	11	B	54.6S	160.9W	292	10	A					
JAN 2 68	54.2S	158.1W	271	7	A	54.5S	156.1W	235	6	A	55.5S	154.2W	230	9	B	56.7S	151.0W	243	13	A					
JAN 3 68	57.8S	145.3W	256	21	A	58.5S	136.4W	264	28	A	59.0S	125.1W	266	32	B	59.5S	112.7W	266	33	B					
JAN 4 68	59.9S	100.3W	265	31	B	60.6S	89.0W	262	27	B	61.3S	79.0W	262	23	A	61.9S	70.2W	264	20	A					
JAN 5 68	62.1S	62.5W	270	17	B	61.8S	55.7W	278	16	A	61.3S	49.5W	283	15	A	60.5S	43.5W	284	16	A					
JAN 6 68	59.8S	37.3W	281	17	A	59.3S	30.6W	276	19	A	59.2S	22.5W	269	24	A	59.6S	12.4W	262	30	A					
JAN 7 68	60.8S	.5E	257	37	B	62.8S	16.6E	254	43	A	65.3S	35.0E	252	43	A	67.8S	54.5E	253	40	A					
JAN 8 68	69.8S	74.0E	256	35	A	71.0S	92.3E	261	30	A	71.6S	108.7E	266	25	A	71.8S	122.4E	270	20	B					
JAN 9 68	71.7S	132.9E	272	14	C	71.7S	139.6E	270	8	B	71.7S	143.7E	259	5	B	72.1S	146.4E	238	4	A					
JAN 10 68	72.7S	148.8E	226	6	A	73.7S	152.3E	228	8	A	74.8S	157.7E	237	11	B	75.9S	165.8E	248	13	A					
JAN 11 68	76.6S	177.4E	261	16	A	76.9S	167.3W	269	19	A	76.8S	150.1W	272	20	B	76.7S	133.5W	273	18	A					
JAN 12 68	76.6S	119.9W	270	13	A	76.7S	111.2W	259	8	A	77.1S	106.6W	233	4	B	77.7S	105.0W	191	3	B					
JAN 13 68	78.3S	105.1W	171	3	C	78.9S	105.8W	169	3	B	79.4S	106.2W	177	2	B	79.6S	105.8W	290	1	A					
JAN 14 68	79.2S	103.9W	322	4	A	78.2S	100.1W	325	9	B	76.5S	94.4W	323	13	B	74.1S	87.0W	321	18	A					
JAN 15 68	71.0S	78.1W	318	24	A	67.3S	67.9W	313	29	B	63.4S	56.7W	306	33	A	59.9S	44.7W	298	36	A					
JAN 16 68	57.1S	32.1W	288	37	A	55.6S	19.3W	278	38	B	55.1S	6.6W	270	37	A	55.4S	5.5E	264	34	A					
JAN 17 68	56.4S	16.6E	258	30	B	57.9S	26.2E	251	26	A	59.7S	34.8E	244	24	A	61.9S	42.8E	238	22	B					
JAN 18 68	64.3S	50.7E	234	22	A	66.9S	58.8E	231	21	A	69.4S	66.8E	230	19	A	71.4S	74.2E	231	15	B					
JAN 19 68	72.8S	80.8E	241	10	C	73.4S	86.1E	268	7	C	73.0S	90.6E	304	8	C	71.8S	94.6E	322	11	B					
JAN 20 68	69.8S	98.8E	327	14	B	67.2S	103.4E	325	17	A	64.5S	108.6E	317	18	A	62.3S	114.4E	302	17	B					
JAN 21 68	61.2S	120.7E	277	16	A	61.5S	127.4E	254	17	A	62.8S	134.1E	241	17	B	64.6S	140.1E	233	15	A					
JAN 22 68	66.2S	145.0E	232	11	A	67.1S	148.4E	238	7	A	67.7S	150.9E	240	5	B	68.3S	153.4E	233	7	A					
JAN 23 68	69.3S	156.7E	225	10	A	71.1S	161.5E	223	14	A	73.1S	168.1E	228	15	B	74.7S	176.3E	244	14	A					
JAN 24 68	75.2S	173.9W	274	14	A	74.3S	162.6W	296	18	A	72.2S	150.5W	304	23	B	69.5S	138.5W	305	26	A					
JAN 25 68	66.8S	127.4W	303	25	A	64.4S	117.7W	298	23	A	62.6S	108.9W	291	22	B	61.4S	100.1W	280	23	A					
JAN 26 68	61.0S	90.4W	270	26	A	61.4S	79.2W	263	29	B	62.2S	67.1W	260	30	A	63.2S	55.0W	260	28	A					
JAN 27 68	64.0S	43.7W	263	24	A	64.3S	33.8W	269	21	A	64.2S	24.7W	275	20	A	63.7S	15.6W	278	22	A					
JAN 28 68	63.1S	5.3W	278	26	B	62.3S	6.6E	277	30	A	61.6S	19.7E	276	33	A	61.1S	33.3E	274	34	A					
JAN 29 68	60.8S	46.6E	271	32	A	60.9S	59.0E	268	29	A	61.1S	70.1E	268	26	A	61.2S	79.8E	271	22	B					
JAN 30 68	60.9S	88.1E	279	19	C	60.1S	94.9E	287	17	C	59.0S	101.3E	287	18	B	58.1S	108.6E	280	23	B					

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

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		00 GMT				06 GMT				12 GMT				18 GMT						
				MPS	R			MPS	R			MPS	R			MPS	R			
JAN 31 68	57.6S	118.0E	271	30	A	57.8S	130.4E	266	37	A	58.5S	144.8E	264	40	A	59.2S	159.7E	265	39	A
FEB 1 68	59.7S	173.8E	269	34	A	59.5S	174.0W	275	29	A	58.8S	163.8W	282	25	B	57.5S	155.2W	289	23	A
FEB 2 68	55.9S	148.0W	296	21	A	53.9S	141.9W	303	20	A	51.7S	136.8W	309	19	B	49.3S	132.6W	315	18	C
FEB 3 68	46.8S	129.2W	320	17	C	44.3S	126.4W	324	16	C	41.9S	124.1W	324	15	C	39.7S	121.7W	318	14	C
FEB 4 68	37.8S	119.1W	307	15	B	36.3S	116.0W	296	16	B	35.2S	112.3W	286	17	A	34.4S	108.2W	279	19	A
FEB 5 68	34.1S	103.6W	272	20	B	34.2S	98.6W	264	22	B	35.1S	93.5W	252	23	C	37.1S	88.2W	236	26	C
FEB 6 68	40.7S	83.1W	220	30	B	46.0S	78.1W	211	36	B	52.2S	72.6W	211	37	A	57.9S	65.7W	218	34	A
FEB 7 68	62.2S	56.7W	237	30	A	64.2S	45.2W	261	28	B	64.3S	32.3W	276	29	A	63.3S	19.5W	283	29	A
FEB 8 68	62.0S	8.3W	285	25	B	60.9S	.2E	284	19	A	60.1S	7.1E	281	17	A	59.5S	14.0E	279	19	A
FEB 9 68	58.9S	22.3E	277	26	B	58.2S	33.2E	278	32	A	57.2S	45.1E	281	34	A	55.7S	56.1E	287	30	A
FEB 10 68	53.8S	64.2E	303	22	B	51.2S	68.1E	336	15	A	48.5S	68.6E	7	13	A	46.3S	67.6E	24	11	B
FEB 11 68	44.9S	66.8E	14	4	A	44.8S	67.4E	245	6	A	45.6S	69.5E	241	12	A	46.8S	73.0E	247	16	B
FEB 12 68	47.9S	77.7E	258	18	A	48.3S	83.2E	266	20	A	48.5S	89.3E	268	22	B	48.8S	96.0E	263	23	B
FEB 13 68	49.8S	102.9E	253	24	A	51.6S	109.9E	244	25	A	53.8S	116.9E	243	24	A	55.7S	123.9E	249	22	A
FEB 14 68	56.6S	130.9E	267	20	A	56.1S	137.7E	287	20	A	54.4S	144.2E	299	21	B	52.2S	150.0E	305	21	A
FEB 15 68	50.0S	155.0E	306	18	A	48.1S	158.9E	303	15	A	46.9S	162.5E	291	14	B	46.2S	166.4E	276	16	A
FEB 16 68	46.3S	171.6E	264	22	A	47.0S	178.5E	258	27	A	48.5S	173.6W	252	29	B	50.4S	165.7W	246	27	A
FEB 17 68	52.8S	158.7W	235	23	A	55.5S	153.5W	224	19	A	58.0S	149.5W	220	15	B	59.9S	146.1W	229	11	A
FEB 18 68	60.8S	142.6W	264	10	A	60.3S	138.4W	297	13	A	58.6S	133.4W	307	18	B	56.1S	127.5W	309	23	A
FEB 19 68	53.0S	120.6W	306	28	A	49.9S	112.9W	300	32	B	47.1S	104.2W	291	34	A	45.4S	94.6W	278	37	A
FEB 20 68	45.3S	84.1W	263	40	A	47.1S	72.9W	251	42	B	50.1S	61.7W	246	39	A	53.1S	51.4W	246	32	A
FEB 21 68	54.9S	42.9W	258	22	A	54.8S	36.8W	288	15	A	53.4S	32.9W	316	12	A	51.6S	31.0W	338	9	A
FEB 22 68	50.5S	30.7W	25	3	A	50.7S	31.5W	140	6	A	52.0S	32.6W	162	9	A	54.0S	32.9W	186	11	A
FEB 23 68	56.0S	31.6W	216	12	A	57.7S	27.8W	239	15	A	59.0S	22.3W	253	17	A	59.6S	16.1W	266	16	A
FEB 24 68	59.3S	10.1W	283	15	B	58.3S	5.1W	302	14	A	56.6S	1.3W	318	13	A	54.5S	1.2E	334	12	A
FEB 25 68	52.4S	2.2E	355	11	B	50.4S	1.9E	17	10	A	48.6S	.5E	34	10	A	47.0S	1.4W	41	11	A
FEB 26 68	45.5S	3.3W	42	10	B	44.1S	5.0W	39	9	A	42.9S	6.4W	40	7	A	41.9S	7.5W	47	6	A
FEB 27 68	41.4S	8.5W	69	4	B	41.4S	9.4W	106	3	A	41.7S	10.2W	132	4	A	42.3S	10.8W	149	4	A
FEB 28 68	42.9S	11.1W	163	3	B	43.4S	11.2W	189	2	A	43.6S	10.9W	244	2	A	43.7S	10.2W	284	4	A
FEB 29 68	43.3S	9.0W	298	6	B	42.5S	7.3W	303	8	A	41.6S	5.4W	303	8	A	40.9S	3.8W	298	6	A
MAR 1 68	40.6S	2.7W	266	2	B	40.9S	2.5W	175	3	A	41.8S	2.6W	171	5	A	42.8S	2.7W	190	5	A
MAR 2 68	43.7S	1.9W	230	6	B	44.3S	.1W	256	9	A	44.6S	2.6E	267	11	A	44.5S	5.5E	274	11	A
MAR 3 68	44.3S	8.2E	281	9	B	43.9S	10.2E	286	7	A	43.6S	12.1E	282	7	A	43.4S	14.3E	271	10	A
MAR 4 68	43.6S	17.4E	262	14	B	44.1S	21.8E	258	19	A	44.9S	27.4E	259	22	A	45.6S	33.5E	263	23	A
MAR 5 68	45.9S	40.0E	271	23	A	45.5S	46.4E	278	23	A	44.7S	52.5E	283	22	A	43.6S	58.2E	286	21	A
MAR 6 68	42.5S	63.2E	286	18	A	41.7S	67.5E	282	16	A	41.2S	71.4E	275	15	A	41.3S	75.6E	265	17	B
MAR 7 68	41.9S	80.4E	256	21	A	43.2S	86.3E	251	25	A	45.0S	93.2E	248	28	A	47.2S	100.7E	246	30	B
MAR 8 68	49.7S	108.7E	245	30	B	52.2S	117.0E	244	29	C	54.5S	125.0E	244	26	B	56.5S	132.2E	245	21	A
MAR 9 68	57.9S	138.2E	249	15	A	58.7S	142.8E	259	11	A	58.8S	146.9E	273	12	B	58.5S	151.9E	278	16	A
MAR 10 68	58.0S	159.1E	277	24	A	57.3S	169.3E	277	32	A	56.5S	178.7W	278	35	B	55.4S	167.0W	282	33	A
MAR 11 68	53.8S	157.2W	291	27	A	51.8S	150.7W	304	19	A	49.7S	146.6W	313	15	B	48.0S	143.8W	305	12	A
MAR 12 68	47.2S	140.6W	274	13	A	47.6S	136.2W	256	18	B	48.7S	130.6W	253	22	B	49.9S	123.9W	257	24	A
MAR 13 68	50.6S	116.6W	268	25	A	50.3S	108.8W	277	27	B	49.5S	100.3W	278	31	A	49.0S	90.5W	272	36	A
MAR 14 68	49.3S	79.0W	263	42	A	50.9S	65.7W	257	47	B	53.1S	51.2W	257	47	A	54.8S	36.2W	263	45	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 113Y  
00 GMT

			MPS	R	06 GMT			MPS	R	12 GMT			MPS	R	18 GMT			MPS	R	
MAR 15 68	54.9S	21.6W	277	42	B	52.8S	8.2W	292	43	A	49.3S	3.7E	297	42	A	45.7S	13.8E	296	37	A
MAR 16 68	43.3S	21.9E	285	27	B	43.1S	27.9E	258	20	A	44.7S	32.8E	237	21	A	47.3S	37.8E	232	24	B
MAR 17 68	50.2S	44.1E	239	28	B	52.8S	52.5E	248	31	A	54.6S	61.9E	256	29	A	55.3S	71.0E	269	25	B
MAR 18 68	54.6S	78.3E	294	20	A	52.3S	82.9E	325	19	A	48.9S	85.4E	342	20	B	45.2S	86.8E	346	19	B
MAR 19 68	41.9S	88.3E	336	16	A	39.5S	90.6E	307	14	A	38.6S	94.2E	272	17	B	39.3S	99.3E	250	25	B
MAR 20 68	42.0S	106.2E	237	36	A	46.7S	115.1E	232	44	A	52.0S	125.7E	233	45	A	56.7S	137.6E	242	40	A
MAR 21 68	59.0S	150.7E	264	36	A	58.2S	164.5E	287	39	A	55.0S	178.2E	296	44	B	51.1S	168.9W	296	44	A
MAR 22 68	47.9S	157.6W	289	37	A	46.5S	148.7W	276	28	A	46.5S	141.6W	266	22	B	46.9S	135.9W	264	19	A
MAR 23 68	47.0S	130.8W	276	17	A	46.2S	125.9W	290	19	B	44.7S	120.7W	292	21	B	43.2S	115.1W	287	24	A
MAR 24 68	42.2S	108.5W	277	27	A	42.1S	100.9W	266	32	B	43.0S	91.7W	259	38	A	44.8S	80.8W	255	45	A
MAR 25 68	47.6S	67.7W	251	52	A	51.2S	52.4W	249	55	B	54.8S	36.4W	250	50	A	57.6S	21.5W	254	40	A
MAR 26 68	58.7S	9.4W	270	27	B	57.6S	1.5W	303	20	A	54.9S	3.0E	332	19	A	51.3S	5.1E	348	19	A
MAR 27 68	47.8S	5.9E	353	16	B	45.1S	6.5E	347	12	A	43.2S	7.5E	329	10	A	41.8S	9.4E	301	11	A
MAR 28 68	40.9S	12.6E	284	16	B	40.3S	17.4E	276	22	A	40.1S	23.3E	270	24	A	40.4S	29.4E	263	24	A
MAR 29 68	41.3S	34.9E	251	20	A	42.9S	39.5E	240	19	A	44.9S	44.1E	240	22	A	47.0S	50.3E	247	28	A
MAR 30 68	49.0S	59.4E	256	39	A	50.5S	72.4E	262	48	A	51.4S	88.0E	267	52	A	51.4S	104.4E	273	52	B
MAR 31 68	50.4S	119.8E	280	48	A	48.4S	132.8E	286	42	A	46.2S	143.5E	285	36	B	45.2S	152.6E	271	30	A
APR 1 68	46.3S	160.5E	243	30	A	50.3S	167.9E	223	35	A	55.7S	175.6E	220	36	B	60.5S	175.7W	231	31	A
APR 2 68	62.7S	165.2W	267	28	A	61.0S	152.5W	298	37	B	56.5S	139.3W	307	46	B	50.7S	127.5W	311	45	A
APR 3 68	45.5S	119.2W	317	31	A	42.1S	115.6W	330	14	B	40.9S	114.8W	310	1	A	41.8S	114.2W	208	11	A
APR 4 68	44.8S	111.2W	222	28	A	49.7S	103.8W	228	41	B	55.0S	93.4W	232	42	A	59.2S	82.0W	241	33	A
APR 5 68	60.7S	71.8W	275	23	A	58.4S	64.3W	320	26	B	53.6S	59.1W	334	31	A	48.2S	55.2W	335	29	A
APR 6 68	43.9S	51.7W	320	21	A	42.2S	47.7W	280	17	B	42.5S	42.8W	256	21	A	43.9S	36.7W	251	27	A
APR 7 68	45.5S	29.1W	257	31	B	46.4S	19.8W	265	36	A	46.7S	9.4W	270	38	A	46.3S	1.4E	275	38	A
APR 8 68	45.4S	11.7E	279	36	B	44.1S	21.0E	283	33	A	42.8S	29.1E	283	29	A	41.8S	36.0E	278	24	A
APR 9 68	41.5S	41.7E	266	19	B	42.3S	46.1E	250	17	A	43.6S	50.1E	245	16	A	44.8S	54.4E	253	18	B
APR 10 68	45.4S	59.8E	269	23	A	44.9S	67.0E	280	30	A	43.5S	75.8E	284	37	A	41.5S	86.0E	285	43	B
APR 11 68	39.3S	97.4E	283	49	C	37.2S	109.7E	281	52	C	35.4S	122.2E	279	53	C	34.0S	134.3E	277	50	C
APR 12 68	33.2S	145.5E	273	45	C	33.0S	155.1E	268	39	B	33.6S	163.5E	261	34	B	35.1S	171.0E	252	32	A
APR 13 68	37.6S	178.0E	242	32	A	40.9S	175.1W	236	32	A	44.3S	168.3W	237	29	B	46.8S	161.6W	250	25	A
APR 14 68	47.4S	155.0W	279	23	A	45.5S	148.5W	301	28	A	42.3S	141.8W	303	30	B	39.5S	135.0W	292	30	A
APR 15 68	38.6S	127.9W	264	30	A	40.7S	120.5W	240	34	B	44.6S	112.9W	232	35	B	48.5S	105.5W	236	30	A
APR 16 68	50.6S	98.6W	262	22	A	49.6S	92.4W	302	23	B	46.3S	86.7W	316	28	A	42.3S	81.3W	315	29	A
APR 17 68	38.9S	75.8W	302	26	A	37.1S	70.0W	281	26	B	36.7S	63.2W	269	30	A	37.1S	55.0W	264	37	A
APR 18 68	37.9S	44.9W	266	46	A	38.4S	32.6W	267	53	B	38.9S	18.9W	268	56	A	39.3S	4.9W	267	55	A
APR 19 68	40.0S	8.3E	265	49	B	41.0S	19.9E	263	42	A	42.0S	29.7E	261	35	A	42.9S	37.8E	262	28	B
APR 20 68	43.5S	44.2E	267	21	A	43.4S	49.1E	275	16	A	43.0S	52.9E	281	13	A	42.5S	56.2E	280	13	B
APR 21 68	42.2S	59.7E	272	14	A	42.4S	63.8E	264	16	A	42.8S	68.1E	261	16	A	43.4S	72.2E	259	14	B
APR 22 68	43.8S	75.4E	259	10	A	44.1S	77.6E	270	7	A	43.8S	79.5E	291	9	B	42.8S	82.3E	299	15	B
APR 23 68	40.8S	86.9E	299	27	A	37.8S	94.2E	296	39	A	34.4S	103.8E	291	48	B	31.5S	115.2E	283	54	B
APR 24 68	29.8S	127.7E	274	58	A	29.8S	140.7E	266	58	A	30.9S	153.4E	264	54	B	31.8S	164.9E	267	47	A
APR 25 68	31.6S	174.5E	280	37	A	29.4S	178.5W	300	31	A	26.1S	173.3W	311	28	B	22.7S	169.1W	309	25	A
APR 26 68	20.4S	164.9W	289	23	A	19.9S	160.0W	264	25	A	21.1S	154.9W	249	25	B	23.3S	150.4W	236	23	A
APR 27 68	25.9S	147.2W	218	17	A	28.5S	145.6W	198	13	A	30.8S	145.0W	195	11	B	32.5S	144.0W	222	10	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 113Y

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
APR 28 68	33.7S	141.4W	256	16 A	34.0S	136.4W	270	26 B	33.7S	129.5W	276	33 B	32.8S	121.2W	279	38 C
APR 29 68	31.5S	112.5W	281	39 B	29.9S	103.9W	283	38 B	28.2S	95.9W	284	35 A	26.6S	88.9W	284	30 A
APR 30 68	25.5S	83.3W	282	23 A	24.8S	79.2W	275	18 B	24.9S	75.4W	264	19 A	25.6S	70.5W	258	28 A
MAY 1 68	27.2S	63.1W	256	43 A	29.5S	52.3W	256	56 B	32.2S	39.2W	258	61 A	34.5S	25.3W	260	59 A
MAY 2 68	35.8S	12.4W	266	50 B	35.8S	1.7W	275	39 A	34.6S	6.2E	288	29 A	32.5S	11.1E	310	19 A
MAY 3 68	30.1S	12.7E	3	13 B	27.5S	11.1E	45	18 A	25.1S	7.7E	57	21 A	23.2S	4.2E	59	16 A
MAY 4 68	22.1S	2.5E	18	4 B	21.8S	3.9E	267	13 C	22.2S	7.6E	262	22 C	22.9S	12.8E	262	26 B
MAY 5 68	23.5S	18.2E	266	25 B	23.6S	23.0E	270	21 A	23.6S	27.1E	270	18 A	23.8S	30.6E	264	15 B
MAY 6 68	24.4S	33.4E	248	13 A	25.6S	35.7E	230	12 A	27.3S	37.5E	217	12 A	29.1S	38.7E	208	10 A
MAY 7 68	30.5S	39.5E	201	7 A	31.5S	39.9E	196	3 A	31.9S	40.0E	203	2 A	32.1S	40.2E	247	2 B
MAY 8 68	32.2S	40.8E	256	4 B	32.4S	41.9E	257	7 A	32.8S	43.8E	259	10 A	33.2S	46.6E	262	14 B
MAY 9 68	33.6S	50.5E	264	19 A	33.9S	55.6E	266	24 A	34.2S	61.6E	269	27 A	34.2S	68.3E	272	30 B
MAY 10 68	33.8S	75.4E	275	31 A	33.1S	82.7E	277	32 A	32.3S	90.4E	275	35 B	32.0S	98.9E	269	40 B
MAY 11 68	32.7S	108.7E	262	46 A	34.4S	119.8E	258	50 A	36.4S	131.5E	259	49 B	37.7S	142.7E	266	43 A
MAY 12 68	37.2S	152.5E	284	36 A	34.4S	160.0E	304	33 A	30.5S	165.8E	312	31 B	27.0S	170.6E	303	25 A
MAY 13 68	25.7S	175.3E	266	23 A	27.7S	179.4W	238	31 A	31.7S	173.0W	234	39 B	36.1S	164.7W	242	44 A
MAY 14 68	39.3S	154.2W	258	49 A	39.9S	141.0W	273	56 A	38.5S	126.5W	280	60 A	36.1S	112.1W	283	59 A
MAY 15 68	33.6S	99.3W	283	50 A	31.9S	89.3W	281	39 B	30.8S	81.8W	277	29 B	30.3S	76.2W	274	21 C
MAY 16 68	30.2S	72.0W	270	17 B	30.3S	68.5W	267	15 B	30.5S	65.2W	269	15 A	30.4S	61.5W	273	18 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 139F

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
JUN 11 68	34.8S	149.4W	281	32 A	33.6S	142.1W	280	31 B	32.7S	135.4W	279	29 B	31.9S	129.1W	278	27 C
JUN 12 68	31.2S	123.2W	277	25 C	30.7S	117.7W	276	24 C	30.3S	112.3W	274	23 C	30.0S	107.2W	273	23 C
JUN 13 68	29.7S	102.1W	273	23 B	29.6S	97.1W	272	23 B	29.4S	92.0W	271	23 A	29.3S	86.7W	271	24 A
JUN 14 68	29.3S	81.4W	271	25 B	29.2S	75.8W	271	26 B	29.1S	70.0W	271	26 C	29.1S	64.0W	271	27 C
JUN 15 68	29.0S	57.9W	271	28 C	29.0S	51.7W	270	28 D	28.9S	45.4W	270	29 D	28.9S	39.0W	270	29 D
JUN 16 68	28.9S	32.5W	270	29 D	28.9S	26.0W	270	29 D	28.9S	19.5W	270	30 D	29.0S	12.9W	270	30 D
JUN 17 68	29.0S	6.3W	269	30 D	29.1S	.2E	269	29 D	29.1S	6.7E	269	29 D	29.2S	13.2E	269	29 D
JUN 18 68	29.3S	19.6E	269	28 D	29.5S	25.9E	269	28 D	29.6S	32.1E	268	27 D	29.8S	38.1E	268	27 D
JUN 19 68	30.0S	44.1E	268	26 D	30.2S	49.8E	267	25 D	30.4S	55.4E	267	24 D	30.7S	60.8E	267	23 D
JUN 20 68	30.9S	66.0E	266	22 D	31.2S	70.9E	266	21 D	31.5S	75.6E	265	20 D	31.9S	80.1E	265	19 D
JUN 21 68	32.2S	84.2E	264	18 D	32.6S	88.1E	263	16 D	33.0S	91.6E	261	15 D	33.5S	94.8E	260	13 C
JUN 22 68	33.9S	97.6E	258	12 C	34.4S	100.1E	255	10 C	34.9S	102.2E	251	8 C	35.5S	103.9E	245	7 B
JUN 23 68	36.1S	105.1E	234	5 A	36.7S	105.9E	216	4 A	37.3S	106.3E	193	3 B	38.0S	106.3E	172	3 B
JUN 24 68	38.6S	106.1E	156	4 C	39.3S	105.6E	146	4 C	39.9S	105.0E	141	4 C	40.5S	104.3E	138	4 D
JUN 25 68	41.0S	103.7E	138	4 D	41.5S	103.1E	142	3 D	41.9S	102.8E	154	2 D	42.2S	102.7E	190	1 D
JUN 26 68	42.5S	102.9E	242	2 D	42.6S	103.6E	265	3 D	42.6S	104.8E	274	5 D	42.4S	106.5E	278	8 C
JUN 27 68	42.2S	108.8E	280	10 C	41.7S	111.9E	281	13 C	41.1S	115.8E	282	17 B	40.3S	120.6E	283	21 B
JUN 28 68	39.3S	126.4E	283	26 A	38.0S	133.3E	283	31 A	36.7S	141.0E	282	34 B	35.3S	149.2E	281	35 A
JUN 29 68	34.1S	157.4E	280	36 A	33.0S	165.5E	278	35 A	32.2S	173.3E	276	34 B	31.7S	179.2W	274	32 B
JUN 30 68	31.3S	172.0W	273	31 C	31.1S	165.3W	271	29 C	31.1S	158.9W	270	27 C	31.2S	153.0W	268	25 D
JUL 1 68	31.4S	147.5W	267	23 D	31.6S	142.4W	266	21 D	31.9S	137.8W	265	19 D	32.3S	133.5W	264	18 D
JUL 2 68	32.7S	129.7W	263	16 D	33.0S	126.4W	263	13 D	33.3S	123.6W	263	11 C	33.5S	121.2W	265	9 C
JUL 3 68	33.6S	119.5W	272	6 C	33.5S	118.4W	286	4 B	33.2S	117.7W	311	2 B	32.9S	117.5W	347	2 A
JUL 4 68	32.5S	117.5W	19	2 A	32.3S	117.6W	3	1 B	32.3S	117.3W	254	3 B	32.7S	116.1W	248	9 A
JUL 5 68	33.6S	113.4W	247	17 A	35.2S	108.8W	248	25 B	37.0S	102.5W	252	30 A	38.6S	95.0W	258	33 A
JUL 6 68	39.4S	86.6W	268	34 A	39.1S	77.8W	277	36 B	37.8S	68.7W	283	39 B	35.9S	59.3W	286	41 C
JUL 7 68	33.6S	49.9W	287	42 C	31.3S	40.5W	286	42 C	29.2S	31.4W	283	41 C	27.7S	22.9W	279	38 C
JUL 8 68	27.1S	15.1W	270	33 B	27.6S	8.4W	259	29 B	29.0S	2.6W	249	26 A	31.1S	2.6E	241	25 A
JUL 9 68	33.5S	7.3E	237	23 B	35.9S	11.8E	237	22 A	38.1S	16.3E	242	21 A	39.8S	21.2E	252	22 B
JUL 10 68	40.6S	26.7E	266	24 B	40.5S	33.3E	276	28 A	39.5S	40.7E	282	31 A	38.1S	48.8E	284	35 B
JUL 11 68	36.3S	57.4E	284	38 B	34.5S	66.3E	284	40 C	32.7S	75.4E	283	41 C	31.0S	84.7E	282	42 C
JUL 12 68	29.5S	93.9E	280	42 C	28.1S	102.9E	279	40 C	27.2S	111.4E	276	38 B	26.7S	119.1E	271	33 B
JUL 13 68	27.0S	125.8E	262	28 A	28.1S	131.3E	254	25 A	29.6S	136.9E	254	29 A	31.0S	144.3E	261	39 B
JUL 14 68	31.8S	154.9E	268	56 A	31.5S	169.6E	273	71 A	30.4S	173.6W	276	75 B	28.5S	157.5W	279	68 A
JUL 15 68	26.2S	144.8W	286	48 A	23.5S	137.6W	300	27 A	21.1S	134.3W	319	15 B	19.3S	132.7W	313	9 A
JUL 16 68	18.8S	130.7W	265	15 A	19.7S	126.4W	253	28 B	21.6S	120.0W	253	36 B	23.5S	112.1W	257	41 A
JUL 17 68	24.8S	103.3W	266	42 A	24.7S	94.2W	275	43 B	23.7S	85.0W	278	44 A	22.4S	75.7W	278	45 A
JUL 18 68	21.4S	66.4W	273	45 A	21.4S	57.1W	268	44 B	21.9S	48.0W	265	43 A	22.7S	39.3W	264	40 A
JUL 19 68	23.4S	31.1W	266	37 B	23.7S	23.5W	269	35 A	23.8S	16.3W	270	34 A	23.8S	9.0W	269	35 A
JUL 20 68	24.2S	1.2W	266	38 B	24.9S	7.3E	263	41 A	26.0S	16.2E	261	42 A	27.4S	25.3E	260	42 A
JUL 21 68	28.9S	34.3E	259	40 B	30.4S	42.8E	258	38 A	31.8S	51.1E	259	37 A	33.0S	59.4E	262	36 B
JUL 22 68	33.9S	67.9E	265	37 B	34.3S	76.9E	268	40 C	34.6S	87.0E	268	47 B	34.9S	99.2E	268	57 B
JUL 23 68	35.6S	114.1E	266	70 A	36.7S	132.1E	266	79 A	37.7S	151.4E	268	78 B	37.7S	169.8E	273	70 A
JUL 24 68	36.0S	175.0W	285	56 A	32.2S	164.5W	303	43 A	27.3S	157.8W	316	35 B	22.7S	153.3W	317	28 A

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RELIABILITY INDEX, R, RANGES FROM A (GOOD) TO D (POOR)

200MB GHOST BALLOON 139F

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
JUL 25 68	19.8S	149.4W	291	22 A	19.7S	144.6W	259	26 A	21.4S	139.0W	249	32 B	23.6S	132.3W	252	35 A
JUL 26 68	25.2S	124.8W	264	37 A	25.2S	116.5W	276	40 B	24.0S	107.7W	281	42 B	22.4S	98.9W	280	42 A
JUL 27 68	21.3S	90.4W	275	39 A	21.2S	82.6W	267	36 B	21.9S	75.7W	261	31 A	22.9S	69.7W	259	26 A
JUL 28 68	23.7S	64.9W	263	20 A	23.9S	61.2W	272	15 B	23.6S	58.3W	277	13 A	23.4S	55.7W	275	13 A
JUL 29 68	23.4S	52.8W	265	15 A	23.8S	49.4W	259	18 B	24.6S	45.6W	258	19 A	25.2S	41.7W	263	18 A
JUL 30 68	25.4S	37.9W	273	16 B	24.9S	34.5W	284	17 B	24.0S	30.7W	283	21 A	23.2S	25.5W	276	29 A
JUL 31 68	23.0S	18.1W	269	42 B	23.6S	7.8W	264	54 B	24.9S	4.5E	262	61 A	26.6S	17.6E	262	62 A
AUG 1 68	28.3S	30.5E	261	57 B	29.8S	42.4E	262	51 A	31.0S	53.5E	264	49 A	31.9S	64.6E	266	50 B
AUG 2 68	32.5S	76.4E	268	54 A	32.8S	89.4E	269	59 A	32.9S	103.5E	270	62 A	32.8S	118.2E	270	65 A
AUG 3 68	32.7S	133.2E	270	65 A	32.6S	148.2E	270	65 A	32.7S	163.2E	269	65 B	32.9S	178.3E	269	66 A
AUG 4 68	33.3S	166.4W	268	66 A	33.8S	151.0W	267	65 A	34.3S	136.3W	269	60 B	34.2S	123.4W	273	50 A
AUG 5 68	33.1S	113.1W	283	38 A	30.9S	106.2W	300	28 B	28.0S	101.8W	314	22 B	25.2S	98.7W	315	19 A
AUG 6 68	23.0S	95.7W	296	18 A	22.1S	91.6W	275	22 B	22.2S	86.2W	264	29 A	23.2S	79.4W	260	37 A
AUG 7 68	24.6S	70.9W	260	44 A	26.2S	60.8W	261	50 B	27.6S	49.7W	263	52 A	28.6S	38.5W	266	50 A
AUG 8 68	28.9S	27.9W	271	45 B	28.2S	18.6W	277	40 B	27.0S	10.4W	281	37 A	25.7S	2.7W	280	35 B
AUG 9 68	24.8S	4.7E	275	35 B	24.7S	12.2E	268	36 A	25.2S	20.0E	263	37 A	26.3S	28.0E	260	38 B
AUG 10 68	27.8S	36.3E	258	39 B	29.5S	44.9E	258	40 A	31.0S	53.9E	261	41 A	31.9S	63.4E	266	42 B
AUG 11 68	31.8S	73.3E	275	45 A	30.6S	83.7E	280	48 A	28.7S	94.8E	281	52 A	27.1S	106.5E	277	56 B
AUG 12 68	26.5S	118.9E	269	59 A	27.5S	132.1E	263	62 A	29.3S	145.8E	261	62 B	31.0S	159.5E	264	61 A
AUG 13 68	31.4S	173.0E	272	58 A	30.0S	174.1W	281	57 A	27.4S	162.2W	287	54 B	24.4S	151.8W	288	47 A
AUG 14 68	22.1S	143.2W	283	37 A	21.2S	136.7W	273	27 A	21.4S	132.0W	260	20 B	22.4S	128.3W	248	17 C
AUG 15 68	23.8S	125.1W	245	16 C	25.0S	121.9W	249	17 B	26.1S	118.3W	255	18 B	26.8S	114.1W	263	22 A
AUG 16 68	27.1S	108.9W	269	26 A	26.9S	102.5W	274	31 B	26.2S	95.4W	278	34 A	25.1S	87.9W	281	36 A
AUG 17 68	23.6S	80.4W	284	35 A	21.8S	73.3W	285	35 B	20.1S	66.2W	283	36 A	18.7S	58.6W	278	39 A
AUG 18 68	18.1S	50.0W	272	45 A	18.3S	40.3W	266	50 A	19.4S	30.0W	261	50 A	21.2S	20.4W	256	45 B
AUG 19 68	23.6S	12.3W	248	36 B	26.3S	6.4W	237	26 A	29.0S	2.5W	228	19 A	31.1S	.1E	226	13 A
AUG 20 68	32.3S	2.0E	249	8 B	32.2S	3.7E	292	9 B	31.2S	5.8E	303	13 A	29.7S	8.6E	299	17 B
AUG 21 68	28.2S	12.6E	288	23 B	27.0S	18.0E	281	28 A	26.2S	24.1E	277	29 A	25.6S	30.2E	275	27 A
AUG 22 68	25.1S	35.5E	275	21 B	24.8S	39.3E	275	15 A	24.6S	42.0E	271	11 A	24.8S	44.3E	260	11 B
AUG 23 68	25.4S	46.8E	251	14 B	26.5S	49.9E	247	17 A	27.8S	53.2E	245	16 A	29.0S	56.0E	244	12 B
AUG 24 68	29.7S	57.8E	244	5 B	29.8S	58.2E	313	1 A	29.6S	58.8E	286	6 A	29.4S	61.3E	270	18 B
AUG 25 68	29.7S	67.6E	265	40 A	30.7S	78.9E	263	60 A	32.1S	93.8E	264	70 B	33.2S	110.1E	267	70 B
AUG 26 68	33.2S	125.7E	273	63 A	32.0S	139.0E	280	54 A	29.9S	150.1E	284	47 B	27.8S	159.8E	283	43 A
AUG 27 68	26.6S	168.6E	274	40 A	26.7S	177.1E	265	40 A	27.8S	174.0W	260	43 B	29.5S	164.2W	259	47 A
AUG 28 68	31.0S	153.1W	263	54 A	32.0S	140.2W	266	59 A	32.5S	126.4W	269	61 B	32.4S	112.7W	271	58 A
AUG 29 68	32.0S	99.9W	273	52 A	31.3S	89.0W	275	45 B	30.5S	79.6W	277	39 A	29.6S	71.2W	276	36 A
AUG 30 68	28.9S	63.3W	275	35 A	28.5S	55.6W	272	35 B	28.4S	48.0W	270	33 A	28.5S	41.0W	267	31 A
AUG 31 68	29.0S	34.6W	264	27 B	29.6S	29.0W	261	24 A	30.3S	23.7W	261	24 A	31.0S	18.1W	263	26 A
SEP 1 68	31.5S	11.8W	266	31 B	31.8S	4.2W	269	36 A	31.7S	4.3E	271	39 A	31.4S	13.3E	273	40 A
SEP 2 68	30.9S	22.3E	275	39 B	30.2S	30.8E	275	36 A	29.6S	38.5E	275	32 A	29.3S	45.0E	271	26 B
SEP 3 68	29.5S	50.1E	262	19 B	30.3S	53.7E	249	15 A	31.5S	56.8E	247	16 A	32.6S	60.8E	256	22 B
SEP 4 68	33.4S	67.0E	266	34 A	33.4S	76.4E	271	47 A	33.0S	88.4E	273	55 A	32.4S	101.7E	273	60 B
SEP 5 68	31.8S	115.5E	273	59 A	31.4S	128.7E	271	57 A	31.2S	141.4E	271	55 B	31.2S	153.8E	270	54 A
SEP 6 68	31.2S	166.1E	270	54 A	31.2S	178.3E	270	53 A	31.3S	169.8W	269	51 B	31.5S	158.5W	268	48 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 139F

		00 GMT			06 GMT			12 GMT			18 GMT									
		MPS	R		MPS	R		MPS	R	MPS	R									
SEP 7 68	31.9S	148.1W	267	43	A	32.4S	139.0W	266	37	A	32.8S	130.9W	268	33	B	32.8S	123.5W	273	31	A
SEP 8 68	32.1S	116.6W	282	31	A	30.5S	109.7W	287	33	B	28.6S	102.3W	284	36	B	27.4S	93.8W	275	42	A
SEP 9 68	27.6S	83.6W	263	52	A	29.7S	71.4W	256	59	B	32.9S	58.4W	252	58	A	36.3S	46.2W	252	50	A
SEP 10 68	38.6S	36.2W	257	34	B	39.2S	29.7W	274	20	A	38.3S	26.0W	308	13	A	36.3S	24.4W	343	13	A
SEP 11 68	33.8S	23.9W	356	14	B	31.1S	23.7W	354	13	A	28.8S	23.0W	334	11	A	27.4S	21.3W	292	12	A
SEP 12 68	27.2S	18.0W	261	20	B	28.6S	12.5W	250	31	A	31.0S	5.5W	247	36	A	33.9S	2.5E	248	38	B
SEP 13 68	36.4S	10.6E	251	35	B	38.1S	18.3E	258	30	A	38.9S	25.1E	266	25	A	38.8S	30.8E	276	20	A
SEP 14 68	38.0S	35.0E	293	15	B	36.6S	37.6E	317	11	A	34.9S	38.9E	340	10	A	33.2S	39.3E	356	8	A
SEP 15 68	31.9S	39.3E	5	5	A	31.3S	39.2E	5	2	A	31.2S	39.2E	224	1	A	31.4S	39.5E	226	2	A
SEP 16 68	31.8S	40.1E	244	4	A	32.0S	41.0E	256	5	A	32.3S	42.4E	258	7	A	32.6S	44.2E	256	9	A
SEP 17 68	33.2S	46.4E	252	11	B	33.9S	49.0E	250	13	A	34.8S	52.0E	252	15	A	35.7S	55.7E	256	17	A
SEP 18 68	36.4S	60.1E	261	20	B	36.9S	65.2E	265	22	A	37.1S	70.7E	269	23	A	37.1S	76.5E	272	23	B
SEP 19 68	36.9S	82.0E	274	22	B	36.5S	87.1E	277	20	A	36.0S	91.7E	279	19	A	35.4S	96.1E	279	18	B
SEP 20 68	34.9S	100.3E	279	18	B	34.3S	104.5E	278	18	C	33.9S	108.8E	276	20	C	33.5S	113.7E	274	23	C
SEP 21 68	33.3S	119.4E	272	26	C	33.3S	126.1E	270	32	C	33.4S	134.2E	268	38	B	33.7S	143.9E	267	45	A
SEP 22 68	34.4S	155.4E	266	54	A	35.2S	168.9E	265	59	A	36.2S	176.9W	265	59	B	37.1S	163.1W	266	54	A
SEP 23 68	37.6S	151.0W	268	44	A	37.7S	141.8W	271	32	A	37.3S	135.1W	277	23	B	36.7S	130.6W	285	15	B
SEP 24 68	35.8S	127.8W	299	10	C	34.8S	126.2W	317	7	C	33.8S	125.3W	328	6	C	32.9S	124.6W	319	5	C
SEP 25 68	32.3S	123.6W	291	6	B	32.1S	121.8W	272	10	B	32.2S	119.2W	263	14	A	32.7S	115.7W	259	18	A
SEP 26 68	33.5S	111.2W	256	22	A	34.6S	106.0W	255	24	B	35.8S	100.6W	255	22	A	36.7S	96.1W	257	16	A
SEP 27 68	37.1S	93.1W	268	8	B	36.8S	92.2W	337	3	B	36.1S	91.9W	332	5	A	35.3S	90.5W	289	12	A
SEP 28 68	34.8S	86.2W	273	27	A	34.7S	77.8W	269	42	B	35.1S	67.2W	267	46	A	35.5S	56.9W	267	39	A
SEP 29 68	35.8S	49.4W	268	22	A	35.8S	46.4W	276	6	B	35.7S	45.6W	284	3	A	35.6S	43.9W	269	14	A
SEP 30 68	35.8S	37.9W	267	38	B	36.4S	25.5W	266	62	A	37.4S	8.9W	266	73	A	38.4S	8.9E	266	70	A
OCT 1 68	39.2S	24.9E	267	56	B	39.7S	36.4E	267	36	A	39.9S	43.1E	267	16	A	40.1S	44.8E	117	3	B
OCT 2 68	40.5S	41.6E	98	22	B	41.3S	34.1E	97	35	A	42.1S	24.9E	96	34	A	42.7S	17.3E	94	22	B
OCT 3 68	42.6S	14.5E	315	3	B	41.8S	18.6E	281	29	A	40.7S	28.4E	277	46	A	39.7S	41.3E	274	54	A
OCT 4 68	39.6S	55.0E	268	53	A	40.5S	67.5E	261	46	A	42.3S	78.4E	256	40	A	44.1S	87.7E	255	33	B
OCT 5 68	45.4S	95.5E	260	26	A	45.7S	101.9E	272	21	A	45.2S	107.7E	282	22	B	44.1S	114.0E	286	26	B
OCT 6 68	42.6S	121.6E	284	33	A	41.0S	131.1E	281	41	A	39.5S	141.9E	278	45	B	38.6S	153.0E	275	44	A
OCT 7 68	38.3S	163.3E	269	39	A	38.8S	172.0E	262	32	A	39.9S	179.4E	258	28	B	41.0S	174.0W	258	25	A
OCT 8 68	41.7S	168.0W	265	23	A	41.7S	162.1W	274	23	A	41.2S	156.1W	278	23	B	40.5S	150.1W	278	24	A
OCT 9 68	40.0S	143.9W	274	25	A	39.9S	137.7W	268	25	B	40.2S	131.2W	265	26	B	40.8S	124.7W	263	26	C
OCT 10 68	41.5S	118.0W	262	26	C	42.2S	111.2W	263	26	C	42.7S	104.3W	265	26	C	42.9S	97.2W	269	27	C
OCT 11 68	42.8S	90.0W	274	27	B	42.3S	82.7W	277	28	B	41.6S	75.2W	277	30	A	41.0S	67.4W	275	31	A
OCT 12 68	40.7S	59.2W	270	33	A	41.0S	50.7W	265	34	A	41.7S	41.9W	262	35	A	42.7S	32.8W	261	35	A
OCT 13 68	43.7S	23.7W	262	34	B	44.6S	14.6W	263	33	B	45.3S	6.0W	265	30	A	45.7S	1.7E	267	26	A
OCT 14 68	45.8S	8.2E	272	20	B	45.5S	13.0E	279	15	A	45.0S	16.4E	287	10	A	44.4S	18.5E	297	6	A
OCT 15 68	43.9S	19.6E	308	3	B	43.7S	19.9E	329	1	A	43.6S	20.0E	CALM	A	43.5S	20.2E	274	2	A	
OCT 16 68	43.5S	21.1E	275	5	B	43.4S	23.0E	275	8	A	43.2S	25.5E	274	10	A	43.1S	28.2E	271	10	A
OCT 17 68	43.2S	30.7E	264	9	B	43.5S	32.8E	254	7	A	43.9S	34.3E	247	5	A	44.3S	35.5E	245	4	A
OCT 18 68	44.5S	36.4E	257	3	A	44.5S	37.2E	278	3	A	44.4S	37.9E	292	3	A	44.2S	38.6E	298	3	B
OCT 19 68	44.0S	39.2E	293	2	B	43.9S	39.7E	280	2	A	43.8S	40.1E	264	1	A	43.9S	40.4E	233	1	A
OCT 20 68	44.0S	40.4E	175	1	A	44.2S	40.3E	147	1	A	44.4S	40.1E	144	1	A	44.6S	40.0E	156	1	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 139F  
00 GMT

00 GMT				06 GMT				12 GMT				18 GMT			
		MPS	R			MPS	R			MPS	R			MPS	R
OCT 21 68	44.8S 39.9E	202	1 B	44.9S 40.1E	248	1 C		45.0S 40.6E	268	2 B		45.0S 41.2E	282	2 B	
OCT 22 68	44.8S 41.8E	295	3 A	44.5S 42.6E	296	3 A		44.3S 43.5E	281	4 A		44.3S 44.8E	261	5 A	
OCT 23 68	44.7S 46.5E	245	8 B	45.6S 48.9E	241	12 A		46.8S 52.3E	245	16 A		48.0S 57.0E	253	20 A	
OCT 24 68	49.0S 63.5E	262	25 A	49.4S 71.9E	269	31 A		49.2S 81.9E	273	36 A		48.6S 93.2E	276	40 B	
OCT 25 68	47.5S 105.4E	279	44 B	46.1S 117.9E	280	45 B		44.7S 130.1E	279	44 B		43.6S 141.3E	276	39 A	
OCT 26 68	43.3S 150.6E	269	30 A	43.8S 157.6E	258	23 A		45.0S 163.2E	249	20 B		46.5S 168.5E	250	21 A	
OCT 27 68	47.8S 174.8E	258	25 A	48.5S 177.2W	265	30 A		48.8S 168.0W	268	32 B		48.9S 158.7W	270	31 A	
OCT 28 68	48.9S 150.2W	270	26 A	48.9S 143.3W	269	21 A		49.0S 137.8W	268	17 B		49.1S 133.3W	269	14 C	
OCT 29 68	49.1S 129.4W	270	13 C	49.1S 125.6W	272	13 C		49.0S 121.8W	274	13 C		48.8S 117.7W	275	15 C	
OCT 30 68	48.5S 113.2W	275	17 B	48.2S 107.9W	274	20 B		47.9S 101.5W	272	25 A		47.8S 93.5W	270	31 A	
OCT 31 68	48.0S 83.4W	268	39 A	48.5S 70.8W	266	47 B		49.2S 56.4W	265	51 A		50.1S 40.7W	265	53 A	
NOV 1 68	50.9S 24.6W	265	53 A	51.8S 8.6W	266	50 A		52.5S 6.9E	266	47 A		53.0S 21.4E	266	43 B	
NOV 2 68	53.5S 34.5E	267	38 B	53.8S 46.0E	268	33 A		54.0S 56.3E	268	30 B		54.1S 65.7E	268	28 B	
NOV 3 68	54.4S 74.7E	267	27 C	54.7S 83.6E	266	26 C		55.0S 92.4E	268	25 C		55.0S 100.7E	273	24 B	
NOV 4 68	54.4S 108.4E	281	22 A	53.3S 115.4E	289	22 A		51.9S 122.0E	289	22 B		50.6S 128.5E	283	22 A	
NOV 5 68	50.0S 135.3E	272	23 A	50.3S 142.7E	262	25 A		51.1S 150.0E	260	23 B		51.8S 156.7E	265	20 A	
NOV 6 68	51.6S 162.0E	284	15 A	50.4S 165.6E	311	13 A		48.6S 168.3E	316	13 B		46.9S 171.4E	298	15 A	
NOV 7 68	46.2S 176.1E	270	21 A	47.0S 176.9W	256	29 A		48.8S 168.0W	251	34 B		51.2S 158.3W	249	34 A	
NOV 8 68	53.4S 148.6W	251	31 A	54.9S 139.6W	256	26 A		55.9S 131.5W	261	23 B		56.3S 124.1W	267	20 B	
NOV 9 68	56.3S 117.4W	273	19 C	55.9S 111.2W	278	17 C		55.4S 105.7W	283	15 C		54.7S 101.0W	287	13 C	
NOV 10 68	53.9S 97.3W	292	11 B	53.1S 94.5W	297	8 B		52.4S 92.2W	296	8 A		51.8S 89.8W	289	9 A	
NOV 11 68	51.3S 86.7W	280	12 A	51.0S 82.4W	274	16 B		50.9S 76.9W	270	20 A		51.0S 70.2W	267	24 A	
NOV 12 68	51.4S 62.3W	264	27 A	52.0S 53.5W	262	29 B		52.9S 44.0W	261	30 A		53.8S 34.5W	260	29 A	
NOV 13 68	54.7S 25.5W	260	26 B	55.5S 17.2W	260	24 A		56.2S 9.4W	263	22 A		56.6S 1.6W	266	22 A	
NOV 14 68	56.8S 6.6E	270	24 B	56.7S 15.5E	273	26 A		56.3S 24.9E	274	27 A		56.0S 34.0E	273	26 A	
NOV 15 68	55.9S 42.4E	270	23 A	56.1S 49.7E	265	19 A		56.5S 55.9E	261	16 A		57.0S 61.1E	258	14 B	
NOV 16 68	57.6S 65.4E	256	11 B	58.0S 69.1E	259	10 A		58.3S 72.8E	265	11 A		58.4S 77.3E	271	14 B	
NOV 17 68	58.2S 83.4E	275	20 A	57.8S 91.8E	276	26 A		57.1S 102.2E	277	32 A		56.3S 114.4E	277	37 B	
NOV 18 68	55.5S 128.0E	276	42 B	54.7S 142.5E	275	44 B		54.0S 157.2E	274	44 B		53.5S 171.0E	273	40 A	
NOV 19 68	53.3S 177.1W	270	33 A	53.4S 167.6W	267	26 A		53.7S 159.8W	264	22 B		54.2S 152.8W	263	21 A	
NOV 20 68	54.6S 145.6W	265	23 A	54.9S 137.3W	268	26 B		55.1S 128.4W	269	26 B		55.1S 119.9W	270	24 C	
NOV 21 68	55.1S 112.4W	271	20 B	55.0S 106.5W	272	15 B		54.9S 102.1W	271	11 A		54.9S 98.8W	268	9 A	
NOV 22 68	55.1S 96.2W	260	7 A	55.4S 93.8W	256	8 B		55.8S 90.7W	260	11 A		56.2S 85.7W	265	18 A	
NOV 23 68	56.4S 77.9W	268	27 A	56.4S 66.7W	270	36 B		56.3S 53.3W	271	39 A		56.1S 39.8W	272	37 A	
NOV 24 68	55.9S 27.9W	272	30 B	55.7S 19.1W	273	21 B		55.5S 13.0W	272	15 A		55.4S 8.8W	270	11 A	
NOV 25 68	55.5S 5.5W	265	9 B	55.7S 2.4W	261	9 A		56.1S .8E	257	10 A		56.5S 4.5E	256	11 A	
NOV 26 68	57.1S 8.7E	256	13 B	57.8S 13.9E	257	16 A		58.5S 20.3E	259	19 A		59.2S 28.1E	260	23 A	

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



200MB GHOST BALLOON 140L

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
JUN 11 68	34.3S	149.5W	273	35 A	33.9S	141.4W	271	34 B	34.1S	133.6W	267	33 B	34.7S	125.9W	263	32 C
JUN 12 68	35.6S	118.5W	260	31 C	36.8S	111.2W	258	31 C	38.1S	104.0W	256	30 D	39.6S	96.8W	255	29 D
JUN 13 68	41.0S	89.7W	255	29 D	42.4S	82.6W	256	28 C	43.7S	75.3W	258	28 C	44.7S	68.0W	261	27 C
JUN 14 68	45.3S	60.5W	265	28 B	45.5S	52.8W	270	28 B	45.3S	44.9W	275	29 A	44.6S	36.7W	279	31 A
JUN 15 68	43.4S	28.4W	283	33 B	41.8S	19.8W	285	35 B	39.9S	11.1W	286	36 C	38.0S	2.4W	285	36 B
JUN 16 68	36.4S	6.1E	282	36 B	35.1S	14.4E	279	35 A	34.2S	22.5E	277	35 A	33.5S	30.6E	276	35 A
JUN 17 68	32.9S	38.7E	275	36 B	32.2S	47.2E	276	37 A	31.3S	55.9E	277	39 A	30.4S	65.0E	277	42 B
JUN 18 68	29.3S	74.7E	278	45 B	28.0S	84.9E	278	48 C	26.8S	95.6E	276	51 C	25.9S	106.8E	274	53 B
JUN 19 68	25.4S	118.4E	271	55 A	25.7S	130.5E	267	57 A	26.6S	142.8E	264	58 B	28.0S	155.3E	261	58 B
JUN 20 68	29.9S	168.0E	259	58 C	32.2S	179.3W	257	57 C	34.7S	166.7W	256	55 C	37.3S	154.1W	255	53 D
JUN 21 68	39.9S	141.7W	254	50 D	42.5S	129.7W	254	47 C	44.8S	118.1W	255	43 C	46.7S	107.0W	257	39 C
JUN 22 68	48.1S	96.7W	260	35 C	48.9S	87.2W	266	31 B	49.1S	78.4W	272	28 A	48.5S	70.3W	279	27 A
JUN 23 68	47.4S	62.8W	287	26 B	45.6S	55.7W	292	27 B	43.4S	48.8W	295	28 A	41.1S	41.7W	294	31 A
JUN 24 68	38.7S	34.2W	290	34 B	36.6S	26.0W	286	37 B	34.7S	17.2W	284	39 C	33.0S	8.0W	282	41 C
JUN 25 68	31.4S	1.5E	280	43 C	30.0S	11.2E	279	44 D	28.8S	20.9E	277	44 D	27.9S	30.5E	276	44 D
JUN 26 68	27.1S	40.1E	274	43 D	26.7S	49.4E	272	43 D	26.5S	58.5E	270	41 D	26.6S	67.3E	268	39 C
JUN 27 68	26.9S	75.6E	266	37 C	27.6S	83.4E	263	35 C	28.6S	90.6E	259	31 B	30.0S	97.0E	252	28 B
JUN 28 68	31.9S	102.3E	243	24 A	34.2S	106.7E	233	21 A	36.7S	110.4E	229	20 B	39.1S	114.0E	233	19 B
JUN 29 68	41.0S	118.0E	245	19 A	42.2S	122.9E	259	21 A	42.6S	128.7E	269	24 B	42.3S	135.7E	276	29 B
JUN 30 68	41.4S	144.0E	281	35 A	39.8S	153.5E	283	40 A	37.9S	163.7E	284	43 B	35.7S	174.0E	285	44 A
JUL 1 68	33.6S	176.3W	285	41 A	31.7S	167.8W	285	36 A	30.1S	160.4W	283	32 B	28.9S	153.9W	279	28 B
JUL 2 68	28.4S	148.1W	273	25 C	28.4S	142.8W	266	24 B	29.0S	137.6W	259	24 B	30.2S	132.1W	254	27 A
JUL 3 68	31.8S	126.0W	252	30 A	33.8S	118.9W	252	33 B	35.6S	111.4W	256	33 B	36.8S	103.9W	264	30 A
JUL 4 68	36.7S	97.2W	279	26 A	35.2S	91.5W	297	24 B	32.7S	87.0W	308	22 A	30.2S	83.5W	311	18 A
JUL 5 68	28.3S	80.9W	301	12 A	27.9S	78.7W	263	10 B	28.8S	75.8W	246	19 A	30.8S	70.6W	248	33 A
JUL 6 68	33.6S	61.5W	251	52 B	37.0S	47.9W	254	66 B	40.5S	31.6W	255	67 A	43.4S	15.6W	257	57 A
JUL 7 68	45.1S	2.7W	263	38 B	45.3S	5.1E	278	20 B	44.3S	8.7E	313	11 C	42.7S	9.8E	350	9 B
JUL 8 68	41.0S	10.1E	347	8 B	39.8S	10.9E	315	7 A	39.0S	12.6E	291	9 A	38.5S	15.1E	279	11 A
JUL 9 68	38.3S	18.2E	275	14 B	38.1S	21.8E	274	16 A	37.8S	26.0E	275	18 A	37.4S	30.7E	279	20 B
JUL 10 68	36.6S	35.7E	284	22 B	35.4S	41.0E	288	24 A	33.7S	46.9E	289	28 A	31.9S	53.6E	288	33 B
JUL 11 68	29.8S	61.3E	286	39 B	27.7S	70.5E	284	46 C	25.6S	81.2E	281	55 B	23.6S	93.9E	278	65 B

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 141R

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
JUN 11 68	34.8S	148.2W	280	41 A	33.6S	139.1W	278	40 B	32.6S	129.9W	277	40 B	31.8S	120.9W	276	39 C
JUN 12 68	31.1S	112.1W	274	38 C	30.7S	103.8W	272	36 C	30.6S	96.0W	269	33 C	30.9S	88.9W	266	30 C
JUN 13 68	31.5S	82.7W	260	26 B	32.5S	77.4W	253	22 B	33.9S	72.8W	247	20 A	35.6S	68.6W	242	19 A
JUN 14 68	37.4S	64.5W	240	20 B	39.3S	60.1W	243	21 B	41.1S	54.8W	249	25 A	42.7S	48.1W	256	30 A
JUN 15 68	44.0S	39.3W	262	38 B	44.6S	28.1W	267	44 B	44.7S	15.8W	272	45 C	44.0S	4.1W	277	41 B
JUN 16 68	42.6S	5.4E	287	31 B	40.5S	11.8E	302	23 A	38.1S	16.1E	307	19 A	36.2S	20.1E	293	20 B
JUN 17 68	35.2S	25.5E	272	29 B	35.7S	33.8E	263	40 A	36.9S	44.4E	262	48 A	38.2S	56.6E	265	52 B
JUN 18 68	38.6S	69.6E	272	52 A	37.5S	82.5E	279	53 A	35.4S	95.1E	284	54 B	32.7S	107.4E	285	54 B
JUN 19 68	30.1S	118.9E	284	51 A	27.9S	129.8E	281	49 A	26.5S	140.3E	276	48 B	25.9S	150.7E	271	49 B
JUN 20 68	26.3S	161.6E	264	52 C	27.8S	173.1E	259	55 C	30.2S	174.8W	256	56 C	33.2S	162.5W	253	56 D
JUN 21 68	36.4S	150.0W	251	54 D	39.7S	137.8W	251	51 C	42.8S	125.8W	252	47 C	45.3S	114.2W	255	43 C
JUN 22 68	46.9S	103.1W	261	39 B	47.5S	92.5W	269	36 B	47.1S	82.6W	277	34 A	46.0S	73.3W	283	33 A
JUN 23 68	44.3S	64.8W	288	32 B	42.2S	56.9W	291	31 B	40.2S	49.5W	288	30 A	38.7S	42.1W	281	30 A
JUN 24 68	38.1S	34.6W	270	31 B	38.7S	26.6W	260	34 B	40.3S	18.0W	255	36 A	42.2S	8.9W	254	37 A
JUN 25 68	44.2S	.8E	256	38 B	45.6S	11.1E	261	38 B	46.5S	21.9E	266	38 C	46.8S	32.7E	271	38 B
JUN 26 68	46.3S	43.4E	277	38 B	45.1S	53.7E	282	37 A	43.5S	63.5E	285	37 A	41.6S	72.7E	285	35 B
JUN 27 68	40.0S	81.0E	284	32 B	38.7S	88.5E	281	29 A	37.8S	95.3E	277	27 B	37.3S	101.5E	273	25 B
JUN 28 68	37.3S	107.5E	268	24 C	37.6S	113.5E	264	25 C	38.1S	119.8E	265	27 B	38.6S	126.9E	267	30 B
JUN 29 68	38.6S	135.1E	272	36 A	38.1S	144.6E	276	41 A	37.1S	155.1E	278	44 B	35.8S	165.7E	279	45 B
JUN 30 68	34.3S	175.9E	281	42 A	32.8S	174.9W	282	38 A	31.2S	166.7W	283	35 B	29.7S	159.5W	284	31 B
JUL 1 68	28.3S	153.1W	285	28 C	27.0S	147.4W	285	26 C	25.8S	142.3W	284	23 C	24.7S	137.6W	283	22 D
JUL 2 68	23.9S	133.2W	281	20 D	23.2S	129.1W	278	20 D	22.8S	124.9W	275	20 D	22.6S	120.7W	271	21 D
JUL 3 68	22.7S	116.2W	267	22 D	23.1S	111.3W	264	24 C	23.8S	105.9W	260	27 C	24.9S	100.0W	257	30 C
JUL 4 68	26.5S	93.5W	253	33 B	28.6S	86.2W	251	37 B	31.2S	77.9W	251	42 A	33.9S	68.2W	252	47 A
JUL 5 68	36.8S	56.8W	254	53 B	39.7S	43.7W	256	56 B	42.1S	29.9W	258	53 A	43.8S	17.1W	262	45 A
JUL 6 68	44.4S	6.7W	271	32 B	43.5S	.3E	290	21 B	41.7S	4.3E	318	15 A	39.3S	5.9E	346	13 A
JUL 7 68	36.9S	6.1E	6	12 B	34.9S	5.7E	9	9 B	33.5S	5.9E	321	7 A	32.8S	8.2E	274	16 A
JUL 8 68	33.1S	13.8E	263	34 B	34.4S	23.8E	260	51 A	36.2S	36.8E	260	59 A	38.0S	51.0E	262	59 B
JUL 9 68	39.3S	64.9E	265	52 A	39.6S	76.9E	271	44 A	38.9S	87.0E	278	37 A	37.6S	95.4E	285	32 B
JUL 10 68	35.6S	102.4E	293	29 B	33.4S	108.3E	296	26 C	31.3S	113.6E	292	25 B	30.0S	119.1E	279	26 B
JUL 11 68	30.0S	125.3E	262	31 A	31.7S	132.8E	252	37 A	34.1S	141.4E	251	41 B	36.4S	150.8E	257	41 B
JUL 12 68	37.3S	160.5E	270	40 A	36.3S	170.2E	283	41 A	34.3S	179.7E	285	40 B	32.7S	171.5W	277	36 A
JUL 13 68	33.0S	163.7W	255	32 A	35.9S	157.1W	232	33 A	40.4S	150.9W	226	34 B	44.6S	144.1W	236	33 A
JUL 14 68	47.0S	135.8W	262	33 A	46.3S	125.5W	285	41 B	43.2S	114.0W	295	48 A	39.0S	102.9W	298	48 A
JUL 15 68	34.9S	93.3W	298	40 A	31.8S	86.3W	296	28 B	30.0S	81.3W	289	20 A	29.3S	77.3W	274	17 A
JUL 16 68	29.5S	73.5W	260	19 A	30.5S	68.9W	252	23 B	32.1S	63.6W	249	27 A	34.2S	57.5W	248	30 A
JUL 17 68	36.3S	50.6W	250	32 A	38.4S	43.0W	253	33 B	40.0S	35.0W	259	32 A	40.6S	27.0W	270	31 A
JUL 18 68	39.9S	19.3W	285	30 B	37.6S	12.3W	297	31 B	34.6S	5.7W	300	31 C	32.0S	.5E	293	29 B
JUL 19 68	30.7S	6.6E	273	27 B	31.4S	12.6E	254	28 A	33.4S	19.0E	247	31 A	35.8S	26.1E	251	33 A
JUL 20 68	37.3S	34.2E	263	36 B	37.3S	43.5E	275	40 A	36.1S	53.7E	281	45 A	34.2S	64.6E	282	48 B
JUL 21 68	32.3S	75.8E	280	49 A	30.9S	87.0E	277	50 A	30.1S	98.5E	273	53 B	30.0S	110.8E	269	57 B
JUL 22 68	30.6S	124.2E	265	63 A	31.9S	138.9E	263	66 A	33.6S	153.8E	262	63 B	35.3S	167.7E	262	55 A
JUL 23 68	36.6S	179.3E	264	42 A	37.1S	172.3W	269	29 A	36.9S	166.3W	276	21 B	36.3S	161.6W	282	20 A
JUL 24 68	35.4S	156.7W	283	23 A	34.4S	150.9W	281	27 A	33.3S	144.5W	282	29 B	32.2S	137.9W	283	29 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 141R

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
JUL 25 68	30.9S	131.9W	286	26 A	29.5S	126.8W	289	22 B	28.1S	122.2W	290	22 A	26.6S	117.6W	288	23 A
JUL 26 68	25.3S	112.3W	284	28 A	24.1S	106.0W	280	32 B	23.3S	98.9W	275	34 A	23.1S	91.7W	268	34 A
JUL 27 68	23.8S	84.6W	258	32 A	25.6S	78.3W	249	30 B	27.8S	72.7W	244	27 A	30.0S	67.8W	245	23 A
JUL 28 68	31.3S	63.5W	257	18 A	31.5S	59.8W	278	15 B	30.7S	56.4W	291	16 A	29.4S	52.9W	293	18 A
JUL 29 68	28.1S	48.9W	287	21 A	27.1S	44.0W	279	25 B	26.6S	37.9W	273	31 A	26.5S	30.3W	270	40 A
JUL 30 68	26.7S	20.6W	268	50 B	27.1S	8.8W	267	58 A	27.6S	4.4E	268	62 A	27.9S	18.2E	269	62 A
JUL 31 68	27.9S	31.6E	272	59 B	27.2S	43.9E	274	54 A	26.4S	55.3E	275	51 A	25.7S	65.9E	273	49 B
AUG 1 68	25.6S	76.3E	268	48 B	26.2S	86.6E	264	48 C	27.3S	97.1E	263	49 B	28.4S	108.1E	265	51 B
AUG 2 68	29.1S	119.7E	269	54 A	28.9S	132.1E	272	58 A	28.3S	145.4E	273	62 B	27.7S	159.5E	272	66 A
AUG 3 68	27.6S	174.5E	269	71 A	28.2S	169.8W	266	71 A	29.1S	154.5W	267	66 B	29.5S	140.8W	271	55 A
AUG 4 68	28.6S	130.1W	283	41 A	26.0S	123.2W	305	29 B	22.4S	119.4W	326	23 B	18.9S	117.4W	335	17 A
AUG 5 68	16.7S	116.1W	313	9 A	16.6S	114.3W	251	11 B	17.9S	111.4W	243	21 B	20.0S	106.5W	249	32 A
AUG 6 68	22.0S	98.9W	259	45 A	23.3S	88.2W	266	57 B	23.8S	75.4W	269	63 A	23.7S	61.7W	272	64 A
AUG 7 68	23.1S	48.6W	274	59 A	22.2S	37.0W	275	52 A	21.4S	26.7W	275	48 A	20.9S	16.9W	271	46 A
AUG 8 68	21.1S	7.2W	266	48 B	22.3S	3.0E	261	50 B	24.0S	13.2E	258	48 A	25.9S	22.8E	258	43 B
AUG 9 68	27.4S	31.2E	260	35 B	28.1S	38.0E	266	28 A	28.3S	43.8E	271	25 A	28.1S	49.4E	273	26 B
AUG 10 68	27.9S	55.7E	271	31 A	27.8S	63.3E	270	37 A	27.9S	72.0E	270	42 A	27.8S	81.6E	271	45 B
AUG 11 68	27.5S	91.7E	273	47 A	26.8S	102.1E	275	49 A	25.9S	113.0E	276	52 B	24.8S	124.8E	276	58 B
AUG 12 68	23.7S	137.8E	274	65 A	22.9S	152.0E	273	70 A	22.2S	166.7E	272	69 B	21.8S	179.3W	271	64 A
AUG 13 68	21.6S	167.0W	270	53 A	21.7S	157.1W	268	42 A	22.2S	148.8W	265	38 B	23.1S	140.8W	261	40 A
AUG 14 68	24.5S	131.8W	259	48 A	26.5S	120.9W	258	54 B	28.6S	109.0W	259	54 A	30.2S	97.7W	263	48 A
AUG 15 68	30.7S	88.2W	272	36 A	29.8S	81.5W	288	25 B	27.9S	77.1W	305	20 A	25.6S	74.0W	312	17 A
AUG 16 68	23.6S	71.2W	301	16 A	22.4S	68.0W	285	17 B	21.8S	64.6W	277	16 A	21.5S	61.4W	275	14 A
AUG 17 68	21.2S	58.8W	282	10 A	20.6S	57.0W	289	9 B	20.2S	54.8W	275	14 A	20.3S	50.9W	264	26 A
AUG 18 68	21.4S	43.8W	259	45 B	23.6S	32.5W	257	62 B	26.4S	18.5W	257	69 A	29.2S	3.8W	259	67 A
AUG 19 68	31.2S	9.9E	263	55 B	31.8S	20.9E	270	42 A	31.2S	29.1E	281	31 A	29.7S	34.7E	296	23 B
AUG 20 68	27.5S	38.2E	318	17 B	25.0S	39.8E	341	14 A	22.7S	40.5E	350	10 A	21.2S	41.0E	324	6 A
AUG 21 68	21.0S	42.3E	253	10 B	22.4S	45.2E	239	20 A	24.7S	49.5E	240	27 A	27.2S	54.9E	247	29 B
AUG 22 68	28.9S	61.2E	260	30 A	29.2S	68.1E	273	33 A	28.5S	75.9E	278	39 A	27.4S	85.2E	277	47 B
AUG 23 68	26.4S	96.3E	273	57 A	26.1S	109.7E	270	66 A	26.5S	124.9E	267	74 B	27.5S	141.5E	265	79 A
AUG 24 68	29.0S	159.1E	264	81 A	30.9S	177.0E	263	79 A	32.7S	166.0W	264	70 B	33.8S	151.5W	267	55 A
AUG 25 68	33.8S	140.8W	276	35 A	32.3S	134.8W	299	21 B	30.1S	131.6W	314	17 B	28.0S	128.5W	296	20 A
AUG 26 68	27.0S	123.0W	271	35 A	27.7S	113.2W	262	53 B	29.7S	100.7W	258	61 A	32.2S	87.4W	257	57 A
AUG 27 68	34.5S	75.8W	257	44 A	35.9S	67.3W	259	30 B	36.7S	61.3W	262	21 A	37.2S	56.6W	263	18 A
AUG 28 68	37.7S	52.0W	262	20 A	38.4S	46.6W	261	24 B	39.1S	40.7W	262	24 A	39.6S	34.8W	266	23 A
AUG 29 68	39.5S	29.5W	276	19 B	38.8S	25.2W	289	16 B	37.6S	21.7W	297	15 A	36.2S	18.4W	299	15 A
AUG 30 68	34.9S	15.1W	293	16 B	33.8S	11.4W	285	18 B	33.1S	6.9W	279	21 C	32.5S	1.7W	276	25 C
AUG 31 68	32.0S	4.4E	275	29 B	31.5S	11.6E	274	33 B	31.2S	19.4E	272	36 A	31.2S	27.7E	268	36 B
SEP 1 68	31.7S	35.9E	263	36 B	32.8S	43.8E	259	35 A	34.3S	51.9E	258	36 A	35.6S	60.5E	261	38 B
SEP 2 68	36.4S	70.1E	267	42 A	36.5S	80.9E	272	47 A	35.9S	92.4E	275	48 A	35.0S	103.7E	276	47 B
SEP 3 68	34.1S	114.2E	276	41 A	33.4S	123.1E	275	35 A	32.8S	130.7E	274	32 B	32.5S	137.8E	272	30 B
SEP 4 68	32.4S	144.7E	270	30 A	32.6S	151.8E	268	32 A	32.8S	159.2E	268	32 B	33.1S	166.5E	268	31 A
SEP 5 68	33.2S	173.5E	269	30 A	33.2S	179.8W	271	28 A	33.1S	173.1W	272	29 B	32.9S	166.3W	272	31 A
SEP 6 68	32.6S	158.8W	272	34 A	32.4S	150.3W	271	39 A	32.4S	140.9W	268	43 B	33.1S	130.5W	263	47 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 141R

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
SEP 7 68	34.8S	119.2W	257	51 A	37.5S	106.9W	253	53 B	40.6S	94.4W	253	51 B	43.2S	82.3W	257	45 A
SEP 8 68	44.3S	71.2W	269	38 A	43.3S	61.8W	286	34 B	40.9S	53.5W	296	34 A	37.9S	45.9W	297	34 A
SEP 9 68	35.1S	38.3W	290	35 B	33.3S	30.2W	281	36 B	32.3S	21.9W	274	36 A	32.1S	13.6W	269	36 A
SEP 10 68	32.4S	5.6W	266	34 B	33.1S	1.9E	264	31 A	33.7S	9.0E	264	30 A	34.1S	15.8E	268	29 A
SEP 11 68	33.9S	22.6E	276	29 B	33.0S	29.3E	283	29 A	31.6S	35.4E	288	26 A	30.0S	40.1E	295	18 A
SEP 12 68	28.7S	42.6E	319	8 B	27.8S	42.4E	61	7 A	27.3S	40.3E	82	13 A	27.0S	37.1E	86	15 A
SEP 13 68	26.8S	34.0E	84	13 B	26.5S	31.7E	79	8 A	26.2S	30.4E	73	4 A	26.2S	30.2E	253	2 A
SEP 14 68	26.5S	31.2E	247	8 B	27.3S	33.3E	248	14 A	28.5S	37.0E	253	22 A	29.6S	42.6E	259	30 A
SEP 15 68	30.6S	50.5E	264	41 A	31.2S	60.8E	268	50 A	31.5S	72.6E	269	54 A	31.5S	85.1E	270	54 B
SEP 16 68	31.5S	97.0E	270	50 B	31.5S	107.6E	270	44 C	31.5S	116.9E	270	39 B	31.4S	125.4E	271	36 B
SEP 17 68	31.2S	133.4E	272	35 A	30.9S	141.3E	273	35 A	30.7S	149.6E	271	39 B	30.6S	159.0E	269	45 A
SEP 18 68	31.0S	170.0E	266	53 A	32.0S	177.0W	264	60 A	33.2S	163.0W	264	61 B	34.5S	149.1W	264	57 A
SEP 19 68	35.5S	136.7W	266	48 A	35.9S	126.5W	269	38 B	35.9S	118.1W	271	33 B	35.7S	110.4W	273	32 C
SEP 20 68	35.3S	102.6W	273	34 B	35.1S	93.9W	271	39 B	35.0S	84.0W	270	44 A	35.1S	72.9W	269	50 A
SEP 21 68	35.4S	60.2W	268	56 A	36.0S	46.2W	267	61 A	36.7S	31.5W	266	61 A	37.5S	17.0W	266	58 A
SEP 22 68	38.2S	3.5W	266	51 B	38.7S	8.2E	267	43 B	39.1S	17.6E	267	33 A	39.3S	24.7E	267	23 A
SEP 23 68	39.5S	29.0E	266	12 B	39.7S	30.8E	259	3 A	39.8S	31.2E	248	1 A	39.8S	31.8E	269	5 A
SEP 24 68	39.8S	34.2E	271	15 B	39.7S	39.6E	272	26 A	39.5S	47.2E	272	34 A	39.2S	56.2E	273	37 B
SEP 25 68	38.9S	65.6E	273	37 B	38.4S	74.4E	274	35 C	37.8S	83.2E	276	36 B	37.0S	92.3E	277	39 B
SEP 26 68	36.0S	102.3E	278	45 A	34.8S	113.6E	277	51 A	33.7S	126.0E	275	55 B	33.1S	139.1E	271	57 B
SEP 27 68	33.5S	152.5E	265	58 A	35.1S	165.7E	259	56 A	37.3S	178.4E	257	51 B	39.4S	170.3W	258	43 A
SEP 28 68	40.5S	160.8W	267	33 A	40.1S	153.5W	281	26 A	38.7S	147.5W	290	25 B	37.1S	141.4W	287	28 A
SEP 29 68	35.8S	134.0W	277	35 A	35.6S	124.5W	269	44 B	36.1S	113.4W	265	48 B	37.0S	101.7W	264	49 C
SEP 30 68	37.9S	90.2W	264	45 B	38.6S	79.8W	266	39 B	38.9S	70.7W	269	34 A	38.8S	63.1W	273	28 A
OCT 1 68	38.4S	56.9W	279	22 A	37.6S	52.2W	287	17 A	36.5S	48.6W	292	15 A	35.4S	45.4W	293	14 A
OCT 2 68	34.5S	42.3W	286	15 A	33.8S	38.7W	280	16 A	33.4S	34.8W	277	17 A	33.0S	30.9W	277	17 A
OCT 3 68	32.6S	27.2W	280	15 B	32.0S	24.0W	283	14 B	31.5S	21.0W	281	14 C	31.1S	17.8W	274	15 B
OCT 4 68	31.1S	14.2W	265	17 B	31.7S	10.0W	259	20 A	32.7S	5.1W	256	23 A	33.8S	.3E	255	25 A
OCT 5 68	35.1S	6.0E	256	25 B	36.2S	12.0E	258	26 A	37.1S	18.2E	260	26 A	37.9S	24.6E	262	27 A
OCT 6 68	38.5S	31.2E	264	27 B	39.0S	37.9E	265	27 A	39.4S	44.9E	266	28 A	39.8S	52.1E	266	29 B
OCT 7 68	40.3S	59.7E	265	31 B	40.9S	67.7E	264	32 C	41.4S	75.9E	265	32 B	41.8S	84.0E	268	31 B
OCT 8 68	41.7S	91.8E	273	29 A	41.1S	99.2E	279	29 A	40.1S	106.7E	280	31 A	39.0S	114.8E	279	35 B
OCT 9 68	38.0S	124.3E	276	42 A	37.3S	135.5E	273	49 A	36.9S	147.8E	271	52 B	36.8S	160.4E	269	51 A
OCT 10 68	37.1S	172.4E	267	47 A	37.7S	176.9W	265	41 A	38.5S	167.4W	263	36 B	39.4S	159.3W	261	31 A
OCT 11 68	40.3S	152.2W	260	26 A	41.2S	146.2W	259	22 A	42.0S	140.8W	260	21 B	42.6S	135.5W	261	21 C
OCT 12 68	43.2S	129.9W	264	23 C	43.6S	123.4W	266	26 C	43.8S	116.1W	269	29 C	43.7S	107.7W	273	33 C
OCT 13 68	43.2S	98.2W	276	38 B	42.2S	87.8W	278	42 B	40.9S	76.9W	279	42 A	39.7S	66.6W	279	39 A
OCT 14 68	38.7S	57.5W	277	33 A	38.2S	50.2W	273	27 B	38.1S	43.5W	268	28 A	38.6S	36.1W	264	33 A
OCT 15 68	39.5S	26.6W	263	44 B	40.8S	13.9W	263	56 B	42.2S	1.5E	263	63 A	43.6S	18.6E	264	66 A
OCT 16 68	44.7S	36.6E	266	66 A	45.4S	54.7E	268	64 A	45.7S	72.1E	269	61 A	46.0S	88.3E	268	55 B
OCT 17 68	46.4S	102.8E	267	48 B	47.1S	115.1E	264	39 C	48.0S	125.3E	261	32 C	49.1S	133.8E	258	26 C
OCT 18 68	50.1S	140.8E	256	22 D	51.0S	146.6E	256	17 D	51.8S	151.2E	256	14 C	52.3S	154.9E	258	10 C
OCT 19 68	52.6S	157.6E	263	7 C	52.6S	159.4E	280	4 C	52.3S	160.4E	320	4 B	51.5S	160.9E	353	5 A
OCT 20 68	50.3S	160.9E	4	8 A	48.6S	160.5E	10	10 B	46.6S	159.8E	19	11 B	44.6S	158.4E	32	12 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 141R

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
OCT 21 68	42.9S	156.4E	50	12 A	41.7S	153.7E	65	12 A	40.9S	151.2E	71	9 B	40.5S	149.6E	64	3 A
OCT 22 68	40.3S	150.1E	273	7 A	40.3S	153.1E	269	17 A	40.4S	158.4E	269	24 B	40.5S	165.2E	269	29 A
OCT 23 68	40.5S	172.8E	271	31 A	40.4S	179.3W	271	31 A	40.2S	171.6W	272	29 B	40.1S	164.4W	271	27 B
OCT 24 68	40.2S	158.1W	268	23 C	40.5S	152.9W	263	18 B	41.0S	148.9W	253	13 B	42.0S	146.3W	232	9 A
OCT 25 68	43.3S	145.1W	192	8 A	45.0S	145.2W	171	10 B	46.9S	145.5W	181	9 B	48.6S	144.6W	219	10 A
OCT 26 68	49.8S	141.3W	255	17 A	50.3S	134.6W	268	28 B	50.2S	124.8W	273	37 B	49.6S	112.6W	275	44 C
OCT 27 68	48.8S	98.6W	276	50 B	47.8S	83.4W	276	54 B	46.7S	67.5W	275	57 A	45.7S	51.1W	275	60 A
OCT 28 68	44.7S	34.6W	274	60 A	43.9S	18.2W	274	60 B	43.2S	2.0W	273	60 C	42.6S	13.9E	273	60 C
OCT 29 68	42.2S	29.5E	272	59 C	41.8S	44.8E	272	58 D	41.5S	59.8E	271	57 D	41.3S	74.3E	271	55 D
OCT 30 68	41.1S	88.2E	271	53 D	41.0S	101.5E	270	50 C	41.0S	114.2E	270	48 C	41.1S	126.1E	269	45 C
OCT 31 68	41.2S	137.2E	269	41 B	41.3S	147.5E	269	38 B	41.5S	156.8E	268	34 A	41.8S	165.1E	268	30 B
NOV 1 68	42.0S	172.4E	267	26 B	42.3S	178.5E	266	21 C	42.6S	176.5W	265	16 C	42.9S	172.8W	262	11 C
NOV 2 68	43.2S	170.5W	255	6 C	43.5S	169.6W	202	2 B	43.8S	170.2W	107	5 B	44.1S	172.2W	98	10 A
NOV 3 68	44.4S	175.7W	95	16 A	44.6S	179.6E	94	18 A	44.9S	175.3E	97	13 B	45.2S	173.4E	170	2 A
NOV 4 68	45.6S	175.7E	263	19 A	46.1S	176.4W	265	36 A	46.7S	165.0W	266	44 B	47.3S	152.5W	266	43 A
NOV 5 68	47.9S	141.5W	265	32 A	48.4S	134.0W	263	20 B	48.8S	129.5W	262	11 B	49.1S	126.9W	262	7 C
NOV 6 68	49.2S	125.1W	269	6 C	49.1S	123.2W	276	7 B	48.9S	120.6W	279	10 A	48.5S	117.3W	279	13 A
NOV 7 68	48.1S	113.0W	279	17 A	47.5S	107.5W	278	21 B	47.0S	101.1W	276	23 A	46.6S	94.3W	274	25 A
NOV 8 68	46.4S	87.4W	270	24 A	46.5S	80.8W	267	23 B	46.9S	74.2W	264	23 A	47.5S	67.4W	262	24 A
NOV 9 68	48.1S	60.2W	262	26 A	48.8S	52.4W	263	28 B	49.5S	44.1W	263	28 A	50.1S	35.6W	264	29 A
NOV 10 68	50.7S	27.0W	264	28 B	51.2S	18.5W	265	27 B	51.6S	10.2W	266	27 C	51.9S	1.9W	268	26 C
NOV 11 68	52.0S	6.3E	270	26 C	51.8S	14.5E	273	26 C	51.4S	22.7E	276	27 C	50.8S	31.1E	279	28 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 144D

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
JUN 15 68	39.2S	162.3W	300	25 A	37.1S	156.6W	297	26 A	34.7S	150.9W	299	28 B	32.0S	145.1W	298	29 C
JUN 16 68	29.4S	139.1W	295	31 C	27.0S	132.6W	290	33 C	25.1S	125.6W	284	35 C	23.8S	117.9W	277	39 C
JUN 17 68	23.3S	109.3W	270	43 B	23.7S	99.9W	264	47 B	25.1S	89.6W	260	50 A	27.2S	78.8W	256	52 A
JUN 18 68	29.8S	67.7W	254	52 A	32.8S	56.5W	252	50 B	35.7S	45.7W	253	46 A	38.0S	35.8W	256	39 A
JUN 19 68	39.2S	27.4W	264	30 B	39.1S	20.9W	280	23 B	37.8S	16.0W	299	19 C	35.6S	12.5W	316	18 C
JUN 20 68	32.9S	10.0W	327	17 C	30.1S	8.2W	334	16 C	27.6S	6.9W	337	13 C	25.6S	5.9W	333	9 C
JUN 21 68	24.7S	5.1W	292	4 B	25.0S	4.3W	222	6 A	26.2S	3.3W	218	9 A	27.6S	1.8W	231	11 A
JUN 22 68	28.7S	.5E	254	13 B	29.0S	3.8E	269	16 A	29.0S	7.5E	272	17 A	29.0S	11.0E	265	15 A
JUN 23 68	29.6S	13.8E	240	11 B	31.2S	15.4E	206	11 A	33.5S	16.3E	193	12 A	35.8S	16.9E	194	12 A
JUN 24 68	37.7S	17.8E	214	10 B	38.8S	19.6E	246	10 A	39.3S	22.2E	263	12 A	39.5S	25.8E	268	16 B
JUN 25 68	39.7S	30.2E	266	19 B	40.1S	35.5E	264	22 A	40.6S	41.5E	264	25 A	41.0S	48.0E	265	26 B
JUN 26 68	41.4S	55.0E	267	27 B	41.5S	62.2E	270	28 A	41.4S	69.6E	272	29 A	41.1S	77.1E	274	29 B
JUN 27 68	40.7S	84.7E	275	30 B	40.2S	92.4E	275	31 C	39.5S	100.5E	277	34 B	38.6S	109.5E	278	39 B
JUN 28 68	37.4S	119.7E	279	45 A	35.9S	131.4E	279	52 A	34.5S	143.9E	277	54 B	33.6S	156.3E	273	52 A
JUN 29 68	33.7S	167.7E	265	46 A	35.0S	177.6E	256	40 A	37.3S	173.9W	248	35 B	39.9S	166.3W	245	32 A
JUN 30 68	42.3S	159.0W	248	30 A	44.1S	151.6W	255	28 B	45.3S	144.1W	261	28 B	45.9S	136.6W	266	27 C
JUL 1 68	46.0S	128.9W	271	28 C	45.7S	121.1W	275	28 C	45.1S	113.3W	278	29 C	44.3S	105.4W	280	30 C
JUL 2 68	43.2S	97.5W	281	30 B	42.1S	89.6W	281	31 B	40.9S	81.6W	281	31 A	39.7S	73.7W	281	32 A
JUL 3 68	38.6S	65.8W	280	32 A	37.5S	58.0W	279	32 B	36.6S	50.3W	278	32 C	35.8S	42.6W	277	32 C
JUL 4 68	35.1S	35.1W	276	32 C	34.5S	27.7W	275	31 D	34.0S	20.5W	274	31 D	33.6S	13.4W	273	30 D
JUL 5 68	33.4S	6.6W	272	29 D	33.2S	.0E	271	28 D	33.2S	6.4E	269	27 D	33.3S	12.5E	268	26 D
JUL 6 68	33.6S	18.4E	267	25 C	33.9S	24.0E	265	23 C	34.4S	29.3E	262	22 C	35.1S	34.1E	258	20 B
JUL 7 68	36.0S	38.4E	252	17 B	37.1S	42.1E	246	16 A	38.4S	45.6E	247	15 A	39.5S	49.3E	253	16 B
JUL 8 68	40.2S	53.6E	262	19 B	40.5S	59.0E	270	23 A	40.3S	65.4E	275	27 A	39.6S	72.9E	278	32 B
JUL 9 68	38.6S	81.2E	280	36 B	37.3S	90.5E	280	39 C	35.9S	100.0E	279	40 B	34.9S	109.4E	276	38 B
JUL 10 68	34.5S	118.0E	270	34 A	34.8S	125.4E	262	29 A	35.9S	131.8E	255	26 B	37.5S	137.6E	249	25 B
JUL 11 68	39.3S	143.1E	245	24 A	41.2S	148.6E	246	23 A	42.8S	154.2E	254	22 B	43.5S	159.9E	268	22 A
JUL 12 68	43.0S	165.8E	287	24 A	40.9S	171.9E	299	27 A	38.3S	177.9E	299	27 B	36.1S	176.4W	290	24 A
JUL 13 68	35.4S	171.2W	263	20 A	37.1S	166.7W	231	22 A	40.7S	162.6W	217	26 B	45.1S	158.5W	213	29 A
JUL 14 68	49.7S	153.8W	217	28 A	53.6S	148.4W	224	26 B	56.9S	142.1W	231	24 B	59.5S	135.0W	238	23 C
JUL 15 68	61.6S	127.3W	245	22 C	63.1S	118.9W	251	21 C	64.3S	110.0W	257	21 D	64.9S	100.6W	263	21 D
JUL 16 68	65.2S	90.7W	269	22 D	65.1S	80.3W	274	23 D	64.6S	69.6W	278	24 D	63.9S	58.6W	281	26 D
JUL 17 68	62.8S	47.4W	283	27 D	61.5S	35.9W	284	29 D	60.1S	24.3W	285	31 D	58.4S	12.7W	286	33 D
JUL 18 68	56.6S	.9W	286	35 D	54.7S	10.7E	286	36 D	52.7S	22.4E	286	37 C	50.7S	33.9E	286	39 C
JUL 19 68	48.7S	45.2E	285	39 C	46.7S	56.2E	285	40 C	44.8S	67.0E	284	40 C	43.0S	77.5E	283	40 C
JUL 20 68	41.3S	87.5E	282	39 C	39.8S	97.1E	281	38 D	38.4S	106.1E	280	36 D	37.3S	114.7E	279	34 C
JUL 21 68	36.5S	122.6E	277	32 C	35.9S	130.0E	274	29 C	35.7S	136.6E	271	26 B	35.8S	142.4E	266	22 B
JUL 22 68	36.3S	147.3E	259	19 A	37.1S	151.3E	250	16 A	38.5S	154.9E	241	17 B	40.3S	158.7E	236	20 B
JUL 23 68	42.8S	163.4E	234	24 A	45.8S	169.3E	235	28 A	48.8S	176.1E	239	28 B	51.2S	176.7W	248	25 A
JUL 24 68	52.3S	169.6W	266	22 A	51.7S	162.9W	289	22 B	49.8S	156.5W	299	25 B	47.2S	149.9W	301	28 C
JUL 25 68	44.6S	142.8W	295	31 C	42.4S	134.8W	287	34 B	40.9S	125.9W	278	37 B	40.4S	116.1W	270	40 A
JUL 26 68	41.0S	105.6W	261	43 A	42.8S	94.5W	255	44 B	45.3S	83.2W	252	42 A	47.7S	72.5W	253	37 A
JUL 27 68	49.4S	62.8W	260	30 B	49.8S	54.6W	272	25 B	49.2S	47.2W	281	25 A	48.2S	39.8W	283	27 A
JUL 28 68	47.0S	31.6W	279	32 B	46.2S	21.9W	275	37 B	45.7S	10.9W	273	41 C	45.4S	1.0E	271	44 B

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 144D

	00 GMT		MPS	R	06 GMT		MPS	R	12 GMT		MPS	R	18 GMT		MPS	R				
JUL 29 68	45.2S	13.5E	271	46	B	45.1S	26.2E	271	46	A	45.0S	39.0E	271	47	A	44.9S	51.8E	270	47	B
JUL 30 68	44.8S	64.5E	270	46	B	44.8S	77.0E	270	45	C	44.8S	89.1E	270	44	C	44.9S	100.8E	270	42	C
JUL 31 68	44.8S	111.9E	270	39	C	44.7S	122.2E	271	36	C	44.6S	131.6E	272	33	B	44.2S	139.9E	275	28	B
AUG 1 68	43.6S	146.9E	278	24	A	42.9S	152.5E	281	20	A	42.3S	157.5E	276	18	B	42.3S	162.4E	264	20	B
AUG 2 68	43.2S	168.2E	252	25	A	45.3S	175.1E	244	30	A	48.0S	177.3W	242	29	B	50.5S	170.3W	243	24	A
AUG 3 68	52.0S	164.6W	255	15	A	52.0S	160.9W	290	9	B	51.0S	158.8W	320	8	B	49.8S	157.4W	321	7	C
AUG 4 68	49.2S	156.0W	274	6	C	49.7S	153.7W	238	10	B	51.1S	150.9W	228	13	B	53.0S	147.7W	224	14	A
AUG 5 68	55.0S	144.5W	224	13	A	56.7S	141.5W	227	11	B	58.0S	138.6W	232	10	B	59.0S	135.7W	239	9	C
AUG 6 68	59.8S	132.8W	247	8	C	60.3S	129.7W	255	9	C	60.6S	126.3W	262	9	D	60.8S	122.4W	268	10	D
AUG 7 68	60.8S	118.1W	273	12	D	60.6S	113.2W	276	13	D	60.2S	107.6W	278	15	D	59.8S	101.3W	278	18	D
AUG 8 68	59.2S	94.2W	279	20	D	58.6S	86.2W	278	23	C	57.9S	77.2W	278	27	C	57.2S	66.8W	277	31	C
AUG 9 68	56.4S	54.8W	277	37	B	55.6S	41.2W	276	42	B	54.8S	26.3W	275	46	A	54.1S	10.6W	274	48	A
AUG 10 68	53.7S	5.4E	272	49	B	53.5S	21.2E	270	48	A	53.5S	36.5E	269	46	A	53.8S	51.1E	268	43	B
AUG 11 68	54.2S	65.0E	266	40	A	54.8S	77.9E	265	37	A	55.4S	90.1E	265	35	B	56.0S	101.7E	265	33	B
AUG 12 68	56.6S	113.1E	265	32	C	57.1S	124.4E	266	32	C	57.5S	135.6E	266	31	C	57.8S	146.8E	267	30	D
AUG 13 68	58.1S	157.7E	267	29	D	58.4S	168.4E	267	29	D	58.6S	178.9E	268	28	D	58.8S	170.8W	268	27	D
AUG 14 68	59.0S	160.7W	268	27	D	59.1S	150.7W	269	26	D	59.2S	140.9W	269	26	D	59.2S	131.3W	270	25	D
AUG 15 68	59.2S	121.8W	270	25	D	59.2S	112.5W	271	24	D	59.1S	103.3W	271	24	D	59.0S	94.3W	271	24	D
AUG 16 68	58.9S	85.4W	272	23	D	58.7S	76.7W	272	23	D	58.6S	68.1W	273	23	D	58.3S	59.6W	273	23	D
AUG 17 68	58.1S	51.2W	273	23	D	57.8S	43.0W	274	22	D	57.6S	34.9W	274	22	D	57.3S	26.8W	274	22	D
AUG 18 68	56.9S	18.9W	274	22	D	56.6S	11.1W	275	22	D	56.2S	3.4W	275	22	D	55.8S	4.3E	275	22	D
AUG 19 68	55.4S	11.8E	275	22	D	55.0S	19.3E	276	22	D	54.6S	26.6E	276	22	D	54.2S	34.0E	276	22	D
AUG 20 68	53.7S	41.2E	276	22	D	53.3S	48.4E	276	22	D	52.8S	55.5E	276	22	D	52.3S	62.6E	276	22	D
AUG 21 68	51.9S	69.6E	276	22	D	51.4S	76.6E	276	22	D	50.9S	83.5E	276	23	D	50.4S	90.4E	276	23	D
AUG 22 68	49.9S	97.3E	276	23	D	49.4S	104.1E	276	23	D	49.0S	110.9E	276	23	D	48.5S	117.7E	276	23	D
AUG 23 68	48.0S	124.5E	276	23	D	47.5S	131.3E	276	24	D	47.1S	138.0E	276	24	D	46.6S	144.8E	276	24	D
AUG 24 68	46.2S	151.6E	275	24	D	45.7S	158.4E	275	24	D	45.3S	165.2E	275	25	D	44.9S	172.0E	275	25	D
AUG 25 68	44.5S	178.8E	275	25	D	44.1S	174.3W	274	25	D	43.7S	167.4W	274	26	D	43.4S	160.5W	274	26	D
AUG 26 68	43.1S	153.5W	274	26	D	42.8S	146.5W	273	27	D	42.5S	139.4W	273	27	D	42.2S	132.3W	273	27	D
AUG 27 68	42.0S	125.1W	272	28	D	41.8S	117.9W	272	28	D	41.6S	110.6W	272	28	D	41.4S	103.2W	271	29	D
AUG 28 68	41.3S	95.7W	271	29	D	41.2S	88.2W	271	29	D	41.1S	80.6W	271	30	D	41.1S	72.8W	270	30	D
AUG 29 68	41.1S	65.0W	270	30	D	41.1S	57.1W	269	31	D	41.2S	49.1W	269	31	D	41.3S	41.0W	269	32	D
AUG 30 68	41.5S	32.7W	268	32	D	41.6S	24.4W	268	32	D	41.9S	15.9W	268	33	D	42.1S	7.3W	267	33	D
AUG 31 68	42.5S	1.5E	267	33	D	42.8S	10.3E	267	34	D	43.2S	19.3E	266	34	D	43.7S	28.5E	266	34	D
SEP 1 68	44.2S	37.8E	265	35	D	44.8S	47.3E	265	35	D	45.4S	56.9E	265	35	D	46.0S	66.7E	264	35	C
SEP 2 68	46.7S	76.6E	264	36	C	47.5S	86.7E	263	36	C	48.3S	97.0E	263	36	B	49.2S	107.5E	262	36	B
SEP 3 68	50.2S	118.2E	262	36	A	51.2S	129.1E	261	36	A	52.2S	140.1E	261	35	B	53.2S	151.0E	262	34	B
SEP 4 68	54.0S	161.7E	264	32	A	54.5S	172.0E	266	30	A	54.9S	178.0W	268	29	B	55.0S	168.3W	269	28	B
SEP 5 68	55.0S	158.8W	271	28	C	54.8S	149.4W	273	28	C	54.5S	140.1W	273	28	C	54.2S	130.7W	274	28	C
SEP 6 68	53.8S	121.3W	274	29	C	53.3S	111.6W	274	30	B	52.9S	101.6W	274	31	B	52.6S	91.3W	273	33	A
SEP 7 68	52.3S	80.6W	272	34	A	52.1S	69.5W	271	36	B	52.0S	58.0W	271	37	C	51.9S	46.1W	270	38	C
SEP 8 68	52.0S	33.9W	270	39	C	52.0S	21.4W	269	40	D	52.2S	8.7W	269	41	D	52.3S	4.3E	269	41	D
SEP 9 68	52.6S	17.5E	268	42	D	52.8S	30.9E	268	42	D	53.1S	44.5E	268	42	D	53.5S	58.2E	268	42	D
SEP 10 68	53.9S	72.0E	267	42	C	54.2S	85.9E	267	42	C	54.7S	99.8E	267	42	C	55.1S	113.8E	267	41	B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 144D

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
SEP 11 68	55.5S	127.8E	267	41 B	55.9S	141.7E	267	40 A	56.4S	155.6E	267	40 A	56.8S	169.4E	267	39 B
SEP 12 68	57.2S	176.9W	267	38 B	57.7S	163.3W	267	37 C	58.1S	149.9W	267	36 C	58.4S	136.7W	267	35 C
SEP 13 68	58.8S	123.7W	267	34 D	59.1S	111.0W	267	33 D	59.4S	98.5W	268	32 D	59.6S	86.4W	268	31 D
SEP 14 68	59.8S	74.5W	268	30 D	60.0S	63.0W	269	29 C	60.1S	51.9W	269	28 C	60.1S	41.2W	270	27 C
SEP 15 68	60.1S	30.9W	271	26 B	60.0S	21.1W	272	25 B	59.8S	11.8W	273	23 A	59.6S	3.0W	274	22 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



200MB GHOST BALLOON 145J

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
JUN 18 68	30.4S	67.4W	251	57 A	33.9S	55.9W	254	49 B	35.8S	45.3W	261	43 A	36.4S	35.6W	269	38 A
JUN 19 68	36.0S	27.0W	277	34 B	34.8S	19.6W	286	29 B	33.0S	13.7W	295	25 C	30.9S	9.3W	307	19 B
JUN 20 68	28.6S	6.7W	327	14 B	26.5S	5.9W	356	11 A	24.6S	6.2W	18	9 A	23.1S	6.9W	26	7 A
JUN 21 68	22.2S	7.2W	353	3 B	21.9S	6.6W	264	5 B	22.4S	5.1W	248	10 A	23.4S	2.8W	242	14 A
JUN 22 68	25.0S	.1E	238	17 B	26.9S	3.4E	236	19 A	29.1S	7.1E	238	21 A	31.2S	11.3E	242	21 A
JUN 23 68	32.9S	15.8E	250	22 B	34.1S	20.7E	259	23 A	34.7S	26.2E	266	25 A	34.8S	32.4E	271	28 A
JUN 24 68	34.4S	39.5E	275	32 B	33.7S	47.6E	277	36 A	32.8S	56.3E	277	39 A	31.8S	65.3E	277	40 B
JUN 25 68	30.9S	74.1E	277	38 B	30.1S	82.5E	276	37 C	29.4S	90.6E	275	36 B	28.9S	98.5E	274	36 B
JUN 26 68	28.4S	106.6E	274	37 A	27.9S	115.1E	273	40 A	27.8S	124.6E	269	46 B	28.4S	135.5E	264	54 B
JUN 27 68	30.0S	148.6E	260	65 A	32.8S	163.9E	257	71 A	36.1S	179.9W	256	69 B	38.7S	164.7W	259	58 A
JUN 28 68	39.9S	152.1W	270	42 A	38.9S	143.4W	290	30 B	36.3S	137.5W	306	26 B	33.3S	132.7W	306	26 A
JUN 29 68	30.7S	127.3W	290	29 A	29.5S	120.1W	275	36 B	29.2S	111.5W	269	41 B	29.6S	102.2W	266	42 A
JUN 30 68	30.2S	93.1W	266	39 A	30.5S	84.7W	269	35 B	30.3S	77.3W	274	31 A	29.5S	70.9W	283	28 A
JUL 1 68	27.8S	65.4W	296	25 A	25.3S	60.7W	306	25 B	22.3S	56.6W	309	24 A	19.5S	52.7W	304	23 A
JUL 2 68	17.5S	48.6W	290	23 A	16.6S	43.9W	273	25 B	16.8S	38.5W	264	29 A	17.7S	32.0W	260	35 A
JUL 3 68	19.1S	24.3W	259	42 B	20.7S	15.1W	260	48 B	22.5S	4.8W	260	53 C	24.3S	6.6E	260	56 C
JUL 4 68	26.3S	18.8E	260	59 C	28.3S	31.5E	260	60 C	30.3S	44.7E	261	60 C	32.1S	58.2E	261	60 B
JUL 5 68	33.7S	71.8E	263	59 A	35.0S	85.5E	264	58 A	35.9S	99.0E	266	56 B	36.4S	112.1E	268	53 B
JUL 6 68	36.7S	124.5E	269	50 A	36.6S	136.2E	272	47 A	36.2S	147.3E	274	45 B	35.3S	158.1E	278	46 A
JUL 7 68	33.8S	169.0E	281	48 A	31.8S	180.0E	283	49 A	29.6S	169.5W	284	46 B	27.6S	160.4W	284	38 A
JUL 8 68	26.2S	153.6W	281	25 A	25.7S	149.7W	272	13 A	25.9S	147.5W	254	9 B	26.6S	145.4W	252	12 A
JUL 9 68	27.3S	141.9W	260	22 A	27.9S	135.9W	265	33 B	28.3S	127.6W	267	42 B	28.7S	117.8W	268	47 C
JUL 10 68	28.9S	107.0W	268	50 C	29.2S	95.8W	269	51 C	29.5S	84.4W	268	52 C	29.8S	72.5W	268	54 C
JUL 11 68	30.1S	60.3W	268	56 B	30.6S	47.6W	267	57 B	31.2S	34.5W	267	59 A	31.8S	21.0W	267	59 A
JUL 12 68	32.6S	7.4W	266	60 B	33.4S	6.3E	266	59 B	34.3S	19.7E	265	56 C	35.3S	32.4E	264	52 B
JUL 13 68	36.3S	44.0E	263	45 B	37.3S	54.2E	263	40 A	38.2S	63.4E	264	37 A	38.8S	72.5E	267	37 B
JUL 14 68	38.9S	81.9E	271	39 A	38.5S	92.1E	275	43 A	37.7S	102.9E	276	44 A	36.9S	113.6E	275	43 B
JUL 15 68	36.2S	123.6E	273	40 A	36.1S	132.7E	270	36 A	36.1S	140.8E	270	33 B	36.0S	148.4E	273	31 A
JUL 16 68	35.4S	155.7E	278	31 A	34.2S	162.9E	283	32 A	32.9S	170.7E	281	36 B	31.8S	179.3E	275	41 A
JUL 17 68	31.5S	170.6W	268	48 A	32.5S	158.8W	262	54 A	34.3S	146.1W	259	56 B	36.6S	133.4W	257	53 A
JUL 18 68	39.0S	121.6W	256	45 A	40.9S	111.5W	256	37 B	42.4S	103.1W	256	30 B	43.6S	96.1W	257	24 C
JUL 19 68	44.6S	90.3W	258	20 C	45.3S	85.4W	259	16 C	45.8S	81.4W	261	13 D	46.1S	78.1W	263	11 D
JUL 20 68	46.3S	75.4W	267	9 D	46.3S	73.2W	273	7 D	46.2S	71.3W	278	7 D	45.9S	69.5W	282	6 D
JUL 21 68	45.7S	67.8W	284	7 D	45.3S	65.8W	283	8 D	45.0S	63.6W	282	9 D	44.6S	61.0W	279	11 D
JUL 22 68	44.3S	57.9W	277	13 D	44.0S	54.1W	275	16 C	43.8S	49.4W	272	19 C	43.8S	43.6W	270	24 C
JUL 23 68	43.9S	36.6W	268	29 B	44.1S	28.0W	267	34 B	44.5S	18.1W	266	39 A	45.1S	7.1W	266	42 A
JUL 24 68	45.8S	5.0E	265	45 B	46.6S	17.8E	265	47 A	47.4S	31.1E	265	47 A	48.2S	44.7E	265	47 B
JUL 25 68	49.0S	58.2E	265	46 B	49.8S	71.6E	265	44 C	50.5S	84.7E	265	43 C	51.1S	97.6E	266	42 C
JUL 26 68	51.7S	110.4E	266	41 D	52.3S	123.1E	266	40 D	52.9S	135.7E	266	39 D	53.4S	148.3E	266	38 D
JUL 27 68	53.9S	160.7E	266	38 D	54.4S	173.0E	266	37 D	54.8S	174.9W	267	36 D	55.2S	162.9W	267	35 D
JUL 28 68	55.5S	151.0W	267	34 D	55.9S	139.3W	267	34 D	56.2S	127.7W	267	33 D	56.5S	116.3W	268	32 D
JUL 29 68	56.7S	105.0W	268	32 D	56.9S	93.9W	268	31 D	57.1S	82.9W	268	30 D	57.3S	72.1W	268	30 D
JUL 30 68	57.4S	61.5W	269	29 D	57.6S	51.1W	269	29 D	57.7S	40.8W	269	28 D	57.7S	30.7W	269	27 D
JUL 31 68	57.8S	20.8W	270	27 D	57.8S	11.1W	270	26 D	57.8S	1.6W	270	26 D	57.8S	7.7E	270	25 D

RELIABILITY INDEX,R. RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 145J

		00 GMT				06 GMT				12 GMT				18 GMT			
				MPS	R			MPS	R			MPS	R			MPS	R
AUG 1 68	57.8S 16.8E	271	25	D	57.7S 25.7E	271	24	D	57.6S 34.4E	271	24	D	57.5S 42.9E	271	23	D	
AUG 2 68	57.4S 51.1E	272	23	D	57.3S 59.2E	272	22	D	57.1S 67.0E	272	22	D	57.0S 74.6E	272	21	D	
AUG 3 68	56.8S 82.0E	273	20	D	56.6S 89.1E	273	20	D	56.4S 96.0E	273	19	D	56.2S 102.6E	274	19	D	
AUG 4 68	55.9S 109.0E	274	18	D	55.7S 115.1E	274	17	D	55.4S 121.0E	275	17	D	55.2S 126.6E	275	16	D	
AUG 5 68	54.9S 132.0E	275	16	D	54.6S 137.1E	276	15	D	54.3S 141.9E	276	14	D	54.0S 146.4E	277	13	D	
AUG 6 68	53.7S 150.7E	278	13	D	53.3S 154.7E	278	12	D	53.0S 158.4E	279	11	D	52.7S 161.8E	280	10	D	
AUG 7 68	52.3S 164.9E	281	9	D	52.0S 167.7E	282	9	D	51.6S 170.2E	284	8	D	51.2S 172.4E	286	7	D	
AUG 8 68	50.9S 174.3E	289	6	D	50.5S 175.8E	292	5	D	50.1S 177.1E	298	4	D	49.8S 178.0E	307	3	D	
AUG 9 68	49.4S 178.6E	322	2	D	49.0S 178.9E	349	2	D	48.7S 178.9E	22	2	D	48.3S 178.5E	45	3	D	
AUG 10 68	47.9S 177.7E	59	4	D	47.5S 176.6E	67	5	D	47.2S 175.2E	72	6	D	46.8S 173.4E	75	7	D	
AUG 11 68	46.5S 171.3E	77	8	D	46.1S 168.8E	79	10	D	45.8S 166.0E	81	11	D	45.4S 162.8E	82	13	D	
AUG 12 68	45.1S 159.1E	83	14	D	44.7S 154.9E	84	16	D	44.4S 150.4E	84	17	D	44.1S 145.7E	85	18	C	
AUG 13 68	43.8S 140.8E	86	18	C	43.6S 135.9E	87	19	C	43.4S 130.5E	87	22	B	43.1S 124.1E	86	26	B	
AUG 14 68	42.7S 116.3E	86	33	A	42.2S 107.2E	86	34	A	41.9S 99.6E	90	22	B	42.3S 96.7E	208	5	B	
AUG 15 68	43.7S 101.9E	255	40	A	46.4S 117.1E	257	70	A	49.8S 138.7E	257	79	B	53.1S 161.5E	257	69	A	
AUG 16 68	55.8S 179.6W	257	46	A	57.1S 168.3W	260	22	A	57.4S 163.4W	273	7	B	57.1S 162.3W	360	2	A	
AUG 17 68	56.7S 162.5W	359	1	A	56.6S 161.9W	270	4	A	56.6S 160.0W	269	7	B	56.6S 157.0W	275	10	A	
AUG 18 68	56.2S 153.0W	284	13	A	55.3S 148.0W	289	17	B	54.1S 142.3W	291	19	B	52.6S 136.0W	291	21	C	
AUG 19 68	51.2S 129.6W	289	22	C	49.8S 123.1W	287	22	C	48.6S 116.7W	284	22	C	47.8S 110.5W	280	21	C	
AUG 20 68	47.2S 104.6W	275	20	C	47.1S 99.0W	269	19	B	47.3S 93.5W	266	19	B	47.6S 87.9W	264	20	A	
AUG 21 68	48.0S 82.0W	265	21	B	48.3S 75.6W	266	23	B	48.6S 68.8W	267	24	C	48.9S 61.5W	267	25	C	
AUG 22 68	49.1S 53.9W	267	26	C	49.4S 46.0W	267	27	D	49.6S 37.8W	267	28	D	49.9S 29.5W	267	28	D	
AUG 23 68	50.2S 20.9W	267	29	D	50.5S 12.2W	267	29	D	50.7S 3.3W	267	29	D	51.0S 5.7E	267	29	D	
AUG 24 68	51.3S 14.8E	267	29	D	51.7S 23.9E	267	29	D	52.0S 33.0E	266	29	D	52.4S 42.2E	266	29	D	
AUG 25 68	52.8S 51.2E	266	28	D	53.2S 60.2E	266	28	D	53.6S 69.0E	265	27	D	54.1S 77.8E	265	26	D	
AUG 26 68	54.6S 86.3E	264	25	D	55.1S 94.6E	263	24	D	55.6S 102.7E	263	23	D	56.2S 110.5E	262	22	C	
AUG 27 68	56.9S 118.0E	261	21	C	57.5S 125.2E	260	20	C	58.3S 132.0E	258	18	B	59.0S 138.4E	256	17	B	
AUG 28 68	59.9S 144.3E	253	15	A	60.7S 149.7E	251	14	A	61.6S 155.0E	252	14	B	62.3S 160.5E	256	14	B	
AUG 29 68	62.9S 166.7E	263	16	A	63.1S 173.8E	268	18	A	63.1S 178.1W	272	20	B	62.8S 169.2W	275	22	B	
AUG 30 68	62.4S 159.4W	277	24	C	61.7S 148.9W	278	27	C	60.9S 137.7W	279	29	C	60.1S 126.0W	279	31	D	
AUG 31 68	59.1S 113.8W	279	33	D	58.1S 101.1W	278	35	C	57.1S 88.2W	278	37	C	56.2S 75.2W	277	38	C	
SEP 1 68	55.4S 62.1W	275	38	B	54.8S 49.2W	274	38	B	54.3S 36.3W	273	39	A	54.0S 23.3W	273	40	A	
SEP 2 68	53.6S 10.0W	272	41	B	53.3S 3.7E	272	43	A	53.0S 17.9E	272	45	A	52.7S 32.6E	272	47	B	
SEP 3 68	52.4S 47.8E	272	49	B	52.2S 63.7E	271	51	C	52.2S 79.8E	269	51	B	52.7S 96.2E	265	51	B	
SEP 4 68	54.1S 112.4E	259	49	A	56.3S 128.1E	253	46	A	58.9S 142.8E	251	39	B	61.0S 155.6E	254	30	B	
SEP 5 68	62.0S 165.9E	268	21	A	61.2S 173.1E	297	16	A	59.3S 177.9E	319	16	B	56.8S 178.8W	328	15	A	
SEP 6 68	54.5S 176.1W	322	13	A	53.0S 173.3W	305	11	A	52.0S 170.2W	292	11	B	51.3S 167.0W	288	11	A	
SEP 7 68	50.6S 163.6W	291	12	A	49.6S 160.1W	293	13	A	48.7S 156.2W	288	15	B	48.0S 151.8W	277	17	A	
SEP 8 68	48.0S 146.6W	264	20	A	48.8S 140.5W	257	23	A	49.8S 133.6W	259	24	B	50.3S 126.4W	269	24	A	
SEP 9 68	49.7S 119.0W	287	26	A	47.4S 111.5W	300	30	B	44.2S 103.7W	301	35	A	40.8S 95.1W	294	40	A	
SEP 10 68	38.2S 85.1W	283	45	A	37.0S 73.1W	272	54	B	37.4S 58.2W	265	69	A	39.2S 39.0W	262	88	A	
SEP 11 68	42.3S 14.3W	260	108	A	46.5S 16.3E	258	118	A	51.2S 49.6E	257	111	A	55.7S 82.0E	256	91	B	
SEP 12 68	59.4S 109.6E	256	64	B	61.5S 129.3E	259	40	C	62.4S 142.2E	266	24	C	62.3S 149.8E	280	14	C	
SEP 13 68	61.5S 154.0E	303	9	D	60.5S 156.4E	327	7	D	59.1S 157.4E	350	7	C	57.7S 157.4E	6	8	C	

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 145J

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
SEP 14 68	56.1S	156.9E	13	8 C	54.5S	156.2E	11	8 C	53.0S	156.1E	349	7 B	51.9S	157.4E	306	8 A
SEP 15 68	51.1S	160.7E	279	15 A	51.0S	166.7E	270	23 A	51.0S	174.5E	269	27 B	51.0S	176.7W	272	29 A
SEP 16 68	50.6S	168.0W	278	28 A	49.5S	160.1W	284	26 A	48.2S	152.6W	284	27 B	47.3S	144.8W	276	29 A
SEP 17 68	47.2S	136.0W	265	33 A	48.4S	125.9W	257	38 B	50.4S	114.6W	253	40 B	52.6S	102.8W	253	39 A
SEP 18 68	54.5S	91.0W	258	36 A	55.5S	79.5W	265	33 B	55.7S	68.1W	271	33 A	55.4S	56.6W	275	34 A
SEP 19 68	54.6S	44.6W	277	37 B	53.7S	31.9W	277	40 B	53.0S	19.0W	273	40 A	52.9S	6.5W	267	37 A
SEP 20 68	53.9S	4.8E	255	33 B	56.1S	14.5E	242	29 A	58.9S	23.1E	236	26 A	61.5S	31.0E	241	22 B
SEP 21 68	62.8S	38.9E	262	19 B	62.4S	47.2E	287	22 A	60.6S	56.3E	296	27 A	58.0S	66.6E	295	33 B
SEP 22 68	55.4S	78.5E	289	39 B	53.1S	91.8E	284	44 C	51.2S	105.5E	282	44 B	49.4S	117.9E	284	39 B
SEP 23 68	47.5S	127.5E	291	29 A	45.4S	133.4E	300	19 A	44.0S	137.3E	285	15 B	44.2S	141.8E	252	22 A
SEP 24 68	47.0S	149.3E	237	41 A	52.7S	161.4E	232	55 A	59.5S	176.5E	231	53 B	65.1S	167.9W	237	39 A
SEP 25 68	67.1S	154.0W	276	24 A	64.1S	143.7W	324	33 B	57.6S	136.2W	334	42 B	50.1S	129.8W	330	42 A
SEP 26 68	44.3S	123.2W	309	35 A	41.9S	115.1W	277	34 B	42.3S	106.1W	259	36 A	44.1S	97.0W	252	34 A
SEP 27 68	46.0S	88.7W	254	28 A	47.0S	81.8W	263	22 B	47.2S	76.3W	270	18 A	47.1S	71.5W	272	16 A
SEP 28 68	47.1S	67.1W	266	15 A	47.5S	62.8W	258	15 B	48.2S	58.6W	255	14 A	48.9S	54.7W	259	13 A
SEP 29 68	49.1S	51.2W	272	11 B	48.7S	48.2W	289	10 A	48.0S	45.6W	296	10 A	47.2S	43.2W	292	9 A
SEP 30 68	46.7S	40.7W	276	9 A	46.8S	38.0W	261	10 A	47.3S	35.1W	258	11 A	47.6S	31.7W	264	12 A
OCT 1 68	47.6S	28.0W	277	14 B	47.0S	23.9W	288	16 A	45.7S	19.1W	293	20 A	44.0S	13.6W	294	24 A
OCT 2 68	42.0S	7.2W	293	29 B	39.8S	.3E	290	33 A	37.8S	8.7E	285	37 A	36.2S	17.9E	279	40 A
OCT 3 68	35.4S	27.8E	272	43 B	35.6S	38.1E	267	43 A	36.2S	48.2E	265	41 A	36.8S	57.4E	267	35 B
OCT 4 68	36.8S	64.8E	276	26 A	35.7S	69.9E	294	19 A	34.0S	73.2E	310	15 A	32.3S	75.4E	314	11 B
OCT 5 68	31.1S	77.2E	292	9 A	31.0S	79.4E	260	10 A	31.7S	81.9E	248	13 A	32.7S	84.8E	246	15 B
OCT 6 68	33.8S	88.1E	252	16 A	34.6S	91.9E	259	17 A	35.1S	96.2E	265	19 A	35.2S	101.0E	270	22 B
OCT 7 68	35.1S	106.5E	273	24 A	34.8S	112.7E	275	27 A	34.2S	119.4E	277	30 B	33.4S	126.6E	279	32 A
OCT 8 68	32.2S	134.1E	282	34 A	30.7S	141.9E	283	36 A	29.0S	149.8E	285	37 B	27.2S	157.6E	285	37 A
OCT 9 68	25.3S	165.3E	285	36 A	23.6S	172.7E	283	35 A	22.4S	179.6E	277	32 B	22.2S	174.0W	265	29 A
OCT 10 68	23.5S	168.3W	246	27 A	26.4S	163.3W	230	28 A	30.3S	158.8W	224	29 B	34.1S	154.2W	228	27 A
OCT 11 68	36.9S	149.2W	246	24 A	38.0S	143.5W	268	24 A	37.5S	137.3W	282	26 B	36.0S	131.1W	290	27 B
OCT 12 68	34.1S	125.3W	294	25 C	32.2S	120.3W	294	22 B	30.6S	116.0W	291	19 B	29.6S	112.2W	282	16 A
OCT 13 68	29.4S	108.9W	264	14 A	30.2S	105.7W	247	16 B	31.7S	102.2W	242	19 A	33.6S	97.7W	246	24 A
OCT 14 68	35.5S	91.6W	253	31 A	37.1S	83.5W	258	37 B	38.5S	74.2W	260	39 A	39.7S	64.8W	260	37 A
OCT 15 68	40.9S	56.2W	258	31 A	42.2S	49.3W	255	24 A	43.3S	43.8W	255	19 A	44.0S	39.2W	262	16 A
OCT 16 68	44.1S	34.9W	276	16 B	43.4S	30.5W	286	18 A	42.4S	25.5W	286	21 A	41.4S	19.8W	280	24 A
OCT 17 68	40.9S	13.1W	271	29 B	41.3S	5.1W	263	33 A	42.4S	3.8E	259	36 A	43.8S	13.5E	258	38 A
OCT 18 68	45.3S	23.6E	259	38 B	46.6S	33.9E	261	37 A	47.5S	44.2E	264	36 A	48.0S	54.4E	268	35 B
OCT 19 68	47.9S	64.5E	274	34 B	47.2S	74.4E	278	35 C	46.2S	84.1E	278	35 C	45.3S	94.0E	276	36 C
OCT 20 68	44.9S	104.0E	270	37 C	45.3S	114.3E	264	38 C	46.4S	124.7E	259	37 B	48.0S	135.0E	255	36 A
OCT 21 68	49.9S	144.8E	252	33 A	52.0S	153.9E	250	30 A	53.9S	162.4E	250	26 B	55.3S	170.3E	256	23 A
OCT 22 68	56.0S	177.7E	267	21 A	55.8S	175.2W	278	20 A	55.1S	168.3W	281	21 B	54.4S	161.2W	276	22 A
OCT 23 68	54.4S	153.6W	264	24 A	55.4S	145.3W	254	26 A	57.0S	136.4W	250	27 B	58.9S	127.0W	250	27 A
OCT 24 68	60.4S	117.4W	255	26 A	61.3S	107.5W	263	25 B	61.6S	97.2W	270	26 B	61.3S	86.3W	275	28 C
OCT 25 68	60.6S	74.4W	278	32 B	59.5S	61.3W	280	36 B	58.2S	47.3W	281	40 A	56.7S	32.6W	281	43 A
OCT 26 68	55.0S	17.4W	281	46 B	53.4S	2.2W	280	47 A	51.8S	12.8E	280	48 A	50.3S	27.3E	279	47 B
OCT 27 68	49.0S	40.7E	278	44 B	48.0S	53.0E	276	40 C	47.4S	64.1E	274	37 C	47.1S	74.4E	271	35 C

RELIABILITY INDEX, R. RANGES FROM A (GOOD) TO D (POOR)

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	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
OCT 28 68	47.1S	84.0E	267	33 C	47.6S	93.2E	264	32 C	48.5S	102.1E	260	30 C	49.6S	110.8E	257	29 C
OCT 29 68	50.9S	119.3E	255	28 C	52.5S	127.7E	253	28 D	54.0S	136.3E	253	27 C	55.5S	145.0E	254	27 C
OCT 30 68	56.9S	154.0E	257	27 C	57.9S	163.5E	260	27 B	58.6S	173.6E	265	28 B	58.9S	175.7W	270	29 A
OCT 31 68	58.6S	164.2W	275	32 A	57.7S	152.0W	280	35 A	56.3S	139.3W	283	37 B	54.5S	126.8W	286	38 B
NOV 1 68	52.3S	114.9W	288	38 C	49.9S	104.0W	290	36 C	47.5S	94.5W	291	33 C	45.3S	86.5W	291	28 C
NOV 2 68	43.6S	80.4W	290	21 B	42.6S	76.0W	286	14 B	42.1S	72.8W	281	11 A	41.7S	69.9W	278	12 A
NOV 3 68	41.3S	66.3W	279	17 A	40.7S	61.3W	279	23 B	40.0S	54.9W	278	28 A	39.2S	47.2W	276	33 A
NOV 4 68	38.6S	38.3W	274	38 A	38.2S	28.4W	271	42 B	38.4S	17.6W	267	45 C	39.3S	6.1W	261	48 B
NOV 5 68	41.2S	6.0E	255	49 B	44.2S	18.4E	250	50 A	47.7S	31.1E	247	48 A	51.1S	43.7E	248	43 B
NOV 6 68	53.9S	55.9E	252	38 A	55.6S	67.5E	261	33 A	56.1S	78.2E	270	29 A	55.7S	87.8E	279	26 B
NOV 7 68	54.5S	95.9E	289	23 B	52.8S	102.5E	298	21 C	50.7S	108.1E	305	21 B	48.2S	113.2E	308	22 B
NOV 8 68	45.4S	118.4E	306	25 A	42.5S	124.3E	303	28 A	39.6S	130.9E	298	31 B	36.9S	138.1E	293	33 B
NOV 9 68	34.5S	145.9E	288	35 C	32.7S	154.0E	282	37 B	31.5S	162.5E	276	38 B	31.1S	171.1E	270	38 A
NOV 10 68	31.7S	179.8E	262	38 A	33.1S	171.7W	256	37 A	35.0S	163.8W	252	34 B	37.1S	156.7W	250	28 A
NOV 11 68	38.6S	151.0W	253	21 A	39.5S	146.8W	260	15 A	39.8S	143.4W	264	12 B	40.1S	140.2W	261	14 A
NOV 12 68	40.7S	136.3W	254	18 A	42.1S	131.1W	250	24 B	43.8S	124.5W	251	28 A	45.6S	116.8W	254	31 A
NOV 13 68	46.9S	108.1W	261	32 A	47.6S	98.6W	266	34 B	48.1S	88.4W	265	37 A	49.1S	77.3W	259	39 A
NOV 14 68	51.2S	65.6W	249	42 A	54.7S	53.2W	241	43 A	58.9S	40.6W	238	40 A	62.6S	28.0W	241	33 A
NOV 15 68	64.8S	16.1W	259	26 B	64.5S	5.0W	285	24 A	62.6S	5.1E	299	26 A	60.0S	14.4E	300	27 B
NOV 16 68	57.7S	23.1E	292	25 B	56.5S	31.1E	278	23 A	56.3S	39.0E	268	23 A	56.7S	47.2E	263	24 A
NOV 17 68	57.4S	56.1E	263	26 B	57.9S	66.2E	265	29 A	58.2S	77.2E	269	31 A	58.1S	89.1E	273	33 B
NOV 18 68	57.5S	101.7E	278	36 B	56.2S	114.8E	282	39 B	54.4S	127.8E	285	40 B	52.3S	140.3E	287	39 A
NOV 19 68	50.1S	151.6E	288	36 A	48.0S	161.1E	288	31 A	46.5S	168.4E	284	22 B	46.1S	173.0E	261	11 A
NOV 20 68	47.3S	174.3E	172	11 A	50.5S	172.3E	151	23 A	55.0S	168.0E	151	29 B	60.1S	163.2E	156	30 B
NOV 21 68	65.3S	159.3E	166	26 A	69.7S	157.7E	178	21 A	73.3S	158.5E	191	17 B	76.1S	161.8E	205	13 A
NOV 22 68	77.9S	167.4E	227	10 A	78.7S	175.3E	257	9 A	78.7S	175.0W	282	11 B	77.9S	163.8W	294	14 B
NOV 23 68	76.5S	151.4W	300	18 C	74.5S	138.2W	301	22 C	72.2S	124.5W	300	25 C	69.7S	110.8W	298	28 D
NOV 24 68	67.2S	97.4W	295	29 C	64.9S	84.6W	293	29 C	62.6S	72.8W	294	29 C	60.3S	62.2W	296	28 C
NOV 25 68	57.8S	53.2W	301	26 B	55.1S	45.9W	306	24 B	52.4S	39.8W	306	23 A	50.0S	34.1W	300	22 A
NOV 26 68	48.3S	28.1W	287	23 B	47.4S	21.2W	274	26 A	47.5S	13.3W	264	29 A	48.5S	4.3W	257	33 A
NOV 27 68	50.4S	5.7E	252	37 B	53.0S	16.9E	248	38 A	55.9S	28.5E	246	37 A	58.5S	40.1E	248	33 B
NOV 28 68	60.5S	51.0E	254	27 B	61.4S	60.7E	265	23 C	61.3S	69.4E	278	20 C	60.4S	77.1E	288	20 C
NOV 29 68	59.0S	84.3E	294	20 D	57.3S	90.9E	299	20 D	55.3S	97.1E	302	21 D	53.0S	102.9E	305	21 D
NOV 30 68	50.7S	108.2E	307	21 D	48.2S	113.2E	308	21 D	45.7S	117.8E	308	20 D	43.4S	122.1E	307	20 D
DEC 1 68	41.2S	126.3E	304	19 D	39.3S	130.3E	300	18 D	37.7S	134.2E	293	17 C	36.7S	138.0E	285	16 C
DEC 2 68	36.1S	141.9E	274	16 C	36.2S	145.8E	263	17 B	37.0S	149.9E	250	18 B	38.6S	154.1E	238	20 A
DEC 3 68	41.2S	158.5E	228	24 A	44.7S	163.2E	222	27 A	48.8S	168.3E	219	29 B	53.2S	173.9E	219	29 B
DEC 4 68	57.4S	180.0E	221	27 C	61.0S	173.2W	228	24 C	63.5S	165.7W	241	21 B	64.8S	157.3W	264	19 A
DEC 5 68	64.2S	148.0W	290	23 A	61.7S	137.8W	304	31 A	57.7S	127.4W	308	36 B	53.2S	117.5W	309	37 B
DEC 6 68	48.9S	109.0W	308	33 A	45.5S	102.4W	307	24 A	43.4S	98.2W	303	14 B	42.7S	96.4W	246	2 A
DEC 7 68	43.8S	97.2W	142	13 A	46.6S	100.5W	140	24 B	50.4S	105.3W	140	26 B	53.9S	110.3W	138	21 A
DEC 8 68	56.0S	113.9W	126	9 A	56.0S	115.4W	14	5 B	54.4S	115.0W	343	11 B	52.2S	113.5W	332	13 A
DEC 9 68	50.4S	111.5W	318	10 A	49.6S	109.7W	284	6 B	49.7S	108.0W	246	6 C	50.4S	106.4W	230	7 C
DEC 10 68	51.3S	104.7W	230	7 B	52.1S	102.9W	237	7 B	52.8S	100.8W	246	8 A	53.4S	98.5W	254	8 A

RELIABILITY INDEX, R. RANGES FROM A(GOOD) TO D(POOR)

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	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
DEC 11 68	53.7S	95.8W	263	9 B	53.8S	92.8W	270	10 B	53.6S	89.5W	277	11 A	53.3S	85.8W	282	12 A
DEC 12 68	52.7S	81.8W	286	14 A	51.8S	77.4W	290	15 B	50.6S	72.6W	292	17 A	49.3S	67.7W	293	18 A
DEC 13 68	47.8S	62.5W	294	20 A	46.3S	57.2W	291	21 A	45.0S	51.5W	283	23 A	44.4S	45.0W	272	25 A
DEC 14 68	44.8S	37.6W	259	30 B	46.5S	29.2W	250	33 B	49.1S	20.3W	244	33 C	51.9S	12.0W	241	28 B
DEC 15 68	54.2S	5.0W	242	20 B	55.6S	.0W	247	14 A	56.3S	3.9E	255	11 A	56.9S	7.9E	258	13 A
DEC 16 68	57.5S	13.0E	255	18 B	58.7S	20.1E	251	22 A	60.2S	28.3E	249	23 A	61.8S	36.4E	246	20 A
DEC 17 68	63.3S	43.2E	242	15 A	64.6S	47.7E	231	9 A	65.6S	49.4E	191	5 A	66.4S	48.5E	131	6 B
DEC 18 68	67.3S	44.6E	112	11 A	68.1S	38.0E	105	15 A	68.8S	29.8E	99	16 A	69.0S	21.3E	89	15 B
DEC 19 68	68.6S	13.8E	71	13 B	67.4S	8.5E	47	11 A	65.7S	5.3E	28	10 A	64.1S	3.9E	10	8 B
DEC 20 68	62.8S	4.0E	341	5 B	62.2S	5.2E	286	4 A	62.2S	7.3E	253	6 A	62.8S	9.7E	238	7 B
DEC 21 68	63.6S	12.1E	228	7 B	64.5S	14.2E	221	6 A	65.3S	15.8E	220	4 A	65.8S	16.9E	242	2 B
DEC 22 68	65.6S	17.2E	360	3 B	64.6S	17.0E	7	7 A	63.1S	16.6E	2	9 A	61.2S	16.9E	349	10 A
DEC 23 68	59.5S	18.4E	325	11 B	57.9S	21.6E	303	13 A	56.6S	26.3E	292	16 A	55.5S	32.2E	288	19 A
DEC 24 68	54.4S	38.7E	286	21 A	53.2S	45.6E	285	23 A	52.0S	53.0E	284	25 B	50.9S	61.0E	281	28 B
DEC 25 68	49.9S	69.9E	279	32 A	49.1S	79.9E	276	35 A	48.4S	90.8E	274	39 A	47.9S	102.6E	273	42 B
DEC 26 68	47.5S	115.2E	272	45 C	47.3S	128.5E	271	47 C	47.2S	142.3E	270	49 C	47.2S	156.6E	270	51 C
DEC 27 68	47.3S	171.2E	269	51 D	47.5S	174.0W	269	52 D	47.8S	159.1W	268	52 D	48.2S	144.2W	268	51 D
DEC 28 68	48.6S	129.2W	267	51 D	49.2S	114.2W	267	50 D	49.8S	99.3W	266	49 D	50.5S	84.5W	266	48 D
DEC 29 68	51.2S	70.0W	265	47 D	52.0S	55.7W	265	45 D	52.8S	41.7W	264	43 D	53.6S	28.1W	264	41 D
DEC 30 68	54.4S	15.0W	263	39 C	55.3S	2.3W	263	36 C	56.2S	9.7E	262	34 C	57.1S	21.2E	262	31 B
DEC 31 68	58.0S	32.0E	261	29 B	58.8S	42.0E	260	26 A	59.7S	51.2E	259	23 A	60.5S	59.5E	258	20 B
JAN 1 69	61.2S	66.8E	257	17 A	62.0S	73.0E	255	14 A	62.7S	78.3E	253	12 B	63.3S	82.6E	252	10 B
JAN 2 69	63.8S	86.3E	250	8 A	64.3S	89.5E	250	7 A	64.8S	92.2E	251	6 A	65.1S	94.6E	256	5 B
JAN 3 69	65.2S	96.8E	263	5 B	65.3S	99.0E	273	5 C	65.1S	101.2E	284	5 C	64.8S	103.4E	294	6 C
JAN 4 69	64.2S	105.9E	302	7 D	63.4S	108.6E	307	8 D	62.3S	111.5E	310	10 C	60.9S	114.9E	312	12 C
JAN 5 69	59.3S	118.6E	312	14 C	57.3S	122.9E	311	17 B	54.9S	127.8E	310	21 B	52.1S	133.5E	309	25 A
JAN 6 69	48.7S	140.1E	307	30 A	45.0S	147.6E	305	35 A	41.2S	155.3E	303	35 B	37.9S	162.3E	299	30 A
JAN 7 69	35.6S	167.8E	293	20 A	34.8S	171.2E	272	10 A	35.4S	172.8E	211	7 B	37.2S	173.2E	179	12 B
JAN 8 69	40.0S	172.9E	175	16 C	43.5S	172.6E	179	20 B	47.5S	173.0E	188	22 B	51.8S	174.6E	199	24 A
JAN 9 69	56.1S	178.1E	212	26 A	60.2S	176.0W	221	27 A	63.8S	168.6W	227	25 B	66.7S	160.4W	233	21 A
JAN 10 69	68.6S	152.6W	244	15 A	69.3S	145.7W	265	11 A	69.1S	140.0W	289	10 B	68.1S	135.2W	307	11 B
JAN 11 69	66.7S	131.1W	317	11 C	65.1S	127.7W	321	11 B	63.4S	124.8W	323	10 B	62.0S	122.3W	321	9 A
JAN 12 69	60.8S	120.2W	313	7 A	60.2S	118.4W	297	5 B	60.0S	116.8W	276	4 B	60.0S	115.5W	255	3 C
JAN 13 69	60.2S	114.5W	238	3 C	60.5S	113.7W	223	2 C	60.9S	113.2W	208	2 C	61.4S	112.8W	197	3 C
JAN 14 69	61.9S	112.5W	191	3 B	62.5S	112.3W	189	3 B	63.2S	112.1W	189	4 A	63.9S	111.8W	191	4 A
JAN 15 69	64.6S	111.5W	193	4 B	65.4S	111.0W	197	4 B	66.1S	110.3W	202	4 C	66.8S	109.5W	208	4 C
JAN 16 69	67.5S	108.5W	216	4 C	68.0S	107.3W	226	4 D	68.4S	105.8W	241	3 D	68.6S	104.1W	260	4 D
JAN 17 69	68.6S	102.0W	278	4 D	68.4S	99.6W	291	5 D	67.9S	96.9W	298	6 C	67.2S	93.8W	302	8 C
JAN 18 69	66.4S	90.3W	303	9 C	65.3S	86.5W	306	11 B	63.9S	82.3W	311	14 B	61.8S	77.4W	315	18 A
JAN 19 69	58.9S	71.8W	318	24 A	55.1S	65.4W	317	29 B	50.8S	58.4W	314	32 A	46.7S	51.2W	307	32 A
JAN 20 69	43.4S	44.0W	298	30 A	41.4S	37.3W	285	26 A	40.7S	31.1W	270	22 A	41.3S	25.9W	252	19 A
JAN 21 69	43.0S	21.9W	227	17 B	45.7S	19.0W	208	18 A	48.9S	16.9W	202	18 A	51.9S	14.8W	208	16 A
JAN 22 69	54.1S	12.1W	230	13 B	55.1S	8.1W	262	14 A	55.0S	2.8W	279	17 A	54.2S	3.6E	286	22 A
JAN 23 69	52.9S	11.0E	286	25 B	51.5S	19.3E	284	29 A	50.2S	28.3E	280	31 A	49.5S	38.1E	273	33 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 146U

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
JUN 15 68	38.3S	160.1W	295	34 A	35.7S	152.3W	293	34 B	33.1S	145.0W	294	33 B	30.6S	138.1W	293	33 A
JUN 16 68	28.2S	131.4W	291	32 A	26.2S	124.8W	287	32 B	24.7S	118.0W	281	33 B	23.8S	111.0W	275	34 C
JUN 17 68	23.6S	103.6W	268	36 B	24.3S	95.6W	262	39 B	25.8S	87.0W	257	42 A	27.8S	77.9W	254	45 A
JUN 18 68	30.4S	68.2W	252	47 A	33.3S	57.9W	251	47 B	36.1S	47.4W	252	46 A	38.6S	36.8W	255	44 A
JUN 19 68	40.4S	26.4W	260	41 B	41.2S	16.4W	267	38 B	41.2S	6.7W	273	37 C	40.6S	2.6E	277	36 C
JUN 20 68	39.6S	11.7E	280	36 C	38.4S	20.6E	279	36 C	37.5S	29.3E	275	35 C	37.3S	37.7E	267	34 B
JUN 21 68	38.2S	45.8E	255	33 B	40.5S	53.6E	245	33 A	43.2S	61.1E	247	31 A	44.9S	68.8E	262	29 B
JUN 22 68	44.4S	76.7E	289	32 B	40.9S	85.1E	306	40 A	35.8S	93.2E	309	43 A	31.1S	100.7E	304	36 B
JUN 23 68	28.6S	106.7E	279	23 A	29.7S	111.0E	232	21 A	33.2S	114.7E	219	27 A	37.2S	119.1E	230	29 B
JUN 24 68	39.8S	125.8E	258	34 A	39.8S	135.7E	279	45 A	37.4S	148.0E	287	56 B	33.6S	161.5E	290	62 A
JUN 25 68	29.3S	174.8E	291	62 A	25.1S	173.0W	291	57 A	21.4S	162.2W	290	51 B	18.3S	152.8W	288	45 B
JUN 26 68	16.0S	144.8W	286	38 C	14.4S	138.1W	281	31 C	13.6S	132.6W	276	25 C	13.4S	128.2W	269	20 D
JUN 27 68	13.6S	124.6W	261	16 D	14.3S	121.7W	252	13 D	15.3S	119.5W	241	12 D	16.5S	117.6W	230	11 D
JUN 28 68	17.9S	116.1W	221	10 D	19.5S	114.8W	216	10 D	21.1S	113.6W	215	10 D	22.8S	112.3W	217	10 D
JUN 29 68	24.4S	110.9W	222	10 D	25.8S	109.3W	231	11 C	27.0S	107.2W	243	13 C	28.0S	104.3W	255	16 C
JUN 30 68	28.6S	100.5W	264	20 B	28.8S	95.5W	270	25 B	28.6S	89.7W	276	28 A	27.7S	83.2W	281	31 A
JUL 1 68	26.2S	76.5W	287	33 A	24.0S	69.7W	292	34 B	21.3S	63.3W	297	33 A	18.3S	57.4W	300	31 A
JUL 2 68	15.4S	52.4W	303	27 A	12.7S	48.3W	303	23 B	10.6S	44.4W	293	22 A	9.4S	39.8W	277	27 A
JUL 3 68	9.4S	33.5W	265	38 B	10.8S	24.9W	258	50 B	13.4S	14.2W	255	60 C	16.7S	1.9W	253	66 C
JUL 4 68	20.6S	11.4E	253	69 C	24.6S	25.2E	252	69 D	28.7S	39.2E	252	67 D	32.5S	53.4E	253	64 C
JUL 5 68	35.9S	67.5E	254	60 C	38.8S	81.2E	257	55 C	40.7S	94.2E	262	49 B	41.5S	105.9E	270	42 B
JUL 6 68	40.7S	116.0E	284	36 A	38.1S	124.1E	299	35 A	34.4S	131.5E	303	38 B	30.2S	139.5E	299	45 B
JUL 7 68	26.2S	149.8E	289	58 A	23.0S	163.2E	282	71 A	20.5S	178.7E	278	78 B	18.7S	165.1W	276	79 B
JUL 8 68	17.4S	149.7W	274	72 A	16.6S	136.2W	273	61 A	16.2S	124.7W	272	52 B	16.0S	115.1W	271	43 B
JUL 9 68	15.9S	107.1W	270	36 C	16.0S	100.5W	269	29 C	16.2S	95.2W	268	24 C	16.3S	90.8W	268	19 D
JUL 10 68	16.4S	87.3W	270	16 D	16.4S	84.5W	273	13 C	16.1S	82.1W	279	11 C	15.7S	79.9W	287	11 C
JUL 11 68	14.9S	77.8W	295	12 B	13.7S	75.6W	300	14 B	12.1S	73.0W	304	17 A	10.0S	69.9W	305	21 A

RELIABILITY INDEX, R, RANGES FROM A (GOOD) TO D (POOR)

200MB GHOST BALLOON 148G

		00 GMT				06 GMT				12 GMT				18 GMT						
		MPS		R	MPS		R	MPS		R	MPS		R	MPS		R				
JUN 19 68	42.9S	177.1W	320	56	A	34.3S	167.3W	310	50	A	30.0S	158.8W	289	38	B	29.2S	151.1W	266	33	A
JUN 20 68	30.6S	143.9W	249	33	A	33.3S	137.1W	242	33	B	36.3S	130.3W	243	32	B	38.5S	123.3W	255	30	A
JUN 21 68	39.0S	115.7W	277	32	A	37.0S	107.5W	293	37	B	33.7S	99.2W	297	39	A	30.7S	91.5W	291	34	A
JUN 22 68	29.4S	85.0W	269	25	A	30.9S	80.2W	233	23	B	34.3S	76.4W	218	25	A	38.2S	72.4W	223	26	A
JUN 23 68	41.2S	67.3W	245	26	B	42.3S	60.4W	268	29	B	41.9S	52.3W	278	32	A	40.9S	44.0W	280	32	A
JUN 24 68	40.0S	36.6W	275	26	B	40.1S	30.7W	264	20	B	40.8S	26.0W	253	18	A	42.0S	21.5W	250	19	A
JUN 25 68	43.3S	16.4W	253	22	B	44.4S	10.1W	258	26	B	45.4S	2.7W	260	29	C	46.3S	5.6E	262	31	C
JUN 26 68	47.1S	14.3E	262	32	C	47.9S	23.4E	263	32	D	48.7S	32.6E	264	32	D	49.3S	42.0E	265	32	D
JUN 27 68	49.8S	51.5E	266	32	D	50.1S	61.1E	268	32	D	50.2S	70.6E	270	31	D	50.0S	80.1E	272	31	C
JUN 28 68	49.7S	89.3E	275	31	C	49.1S	98.3E	277	30	C	48.2S	106.8E	281	29	B	46.9S	114.7E	286	28	B
JUN 29 68	45.2S	121.8E	293	26	A	43.0S	128.0E	297	25	A	40.8S	134.2E	294	27	B	38.8S	141.0E	286	31	B
JUN 30 68	37.5S	149.4E	277	39	A	37.1S	159.8E	270	47	A	37.5S	171.7E	266	50	B	38.4S	175.9W	264	50	A
JUL 1 68	39.5S	164.2W	263	45	A	40.6S	153.8W	262	38	A	41.6S	144.8W	261	33	B	42.6S	137.0W	260	28	C
JUL 2 68	43.4S	130.2W	260	24	C	44.2S	124.3W	260	21	C	44.9S	119.0W	260	19	C	45.4S	114.1W	261	17	D
JUL 3 68	45.9S	109.5W	263	16	D	46.2S	105.0W	266	16	C	46.4S	100.4W	268	17	C	46.4S	95.4W	271	19	C
JUL 4 68	46.3S	89.9W	273	21	B	46.0S	83.6W	274	24	B	45.6S	76.4W	275	28	A	45.0S	68.3W	276	32	A
JUL 5 68	44.3S	59.1W	277	36	B	43.4S	49.0W	277	40	B	42.4S	38.1W	277	43	C	41.4S	26.6W	277	45	C
JUL 6 68	40.3S	14.9W	277	46	C	39.2S	3.2W	277	47	C	38.2S	8.2E	277	45	C	37.2S	19.0E	276	43	B
JUL 7 68	36.3S	28.9E	276	39	B	35.6S	37.6E	275	35	A	35.1S	45.4E	275	30	A	34.6S	52.1E	274	27	B
JUL 8 68	34.4S	57.9E	272	23	B	34.3S	62.9E	271	20	C	34.3S	67.5E	269	19	C	34.4S	71.8E	267	18	C
JUL 9 68	34.7S	76.1E	266	19	C	35.0S	80.8E	265	21	C	35.3S	86.3E	266	25	C	35.7S	92.9E	266	31	B
JUL 10 68	36.1S	101.1E	267	38	B	36.5S	111.0E	267	44	A	36.9S	122.0E	267	46	B	37.3S	133.1E	267	45	B
JUL 11 68	37.9S	143.6E	265	40	A	38.6S	152.8E	264	34	A	39.4S	160.7E	262	30	B	40.2S	167.6E	260	26	B
JUL 12 68	41.1S	173.9E	259	24	C	42.0S	179.8E	259	23	B	42.8S	174.2W	260	24	B	43.6S	167.6W	263	26	A
JUL 13 68	44.1S	160.0W	266	31	A	44.5S	151.0W	268	35	A	44.7S	140.9W	269	38	B	44.8S	130.2W	270	40	C
JUL 14 68	44.8S	119.1W	270	40	C	44.7S	108.2W	270	39	B	44.7S	97.7W	270	38	A	44.7S	87.7W	270	35	A
JUL 15 68	44.8S	78.6W	269	32	A	44.9S	70.4W	268	28	B	45.1S	63.0W	267	26	B	45.3S	56.0W	266	25	C
JUL 16 68	45.7S	49.3W	266	24	B	46.0S	42.6W	265	24	B	46.4S	35.7W	265	25	A	46.9S	28.5W	265	26	A
JUL 17 68	47.3S	21.0W	265	27	B	47.8S	13.1W	265	28	C	48.3S	4.8W	265	29	C	48.8S	3.9E	265	30	C
JUL 18 68	49.2S	12.7E	266	30	C	49.6S	21.8E	266	30	D	50.0S	31.0E	267	31	D	50.3S	40.3E	268	31	D
JUL 19 68	50.5S	49.6E	268	31	D	50.6S	59.0E	269	31	D	50.6S	68.4E	271	30	D	50.5S	77.6E	272	30	C
JUL 20 68	50.2S	86.8E	273	30	C	49.8S	95.8E	275	30	C	49.3S	104.7E	276	29	C	48.5S	113.2E	278	29	B
JUL 21 68	47.6S	121.5E	281	29	A	46.5S	129.4E	283	28	A	45.2S	137.0E	284	28	B	43.8S	144.3E	285	27	B
JUL 22 68	42.4S	151.2E	285	27	A	41.1S	157.9E	285	26	A	39.8S	164.3E	284	26	B	38.6S	170.5E	284	25	B
JUL 23 68	37.5S	176.5E	283	25	C	36.5S	177.7W	282	24	C	35.6S	172.0W	280	24	C	34.8S	166.4W	279	24	D
JUL 24 68	34.1S	160.8W	278	24	D	33.6S	155.2W	276	24	C	33.1S	149.5W	275	24	C	32.7S	143.9W	274	25	C
JUL 25 68	32.5S	138.1W	272	25	C	32.4S	132.3W	271	25	C	32.3S	126.5W	270	25	C	32.3S	120.7W	269	25	C
JUL 26 68	32.4S	115.1W	269	24	C	32.5S	109.6W	268	23	C	32.7S	104.3W	268	23	D	32.9S	99.1W	267	22	D
JUL 27 68	33.2S	94.0W	266	22	D	33.5S	89.1W	266	21	D	33.8S	84.3W	265	20	D	34.2S	79.6W	264	20	D
JUL 28 68	34.6S	75.0W	263	19	D	35.0S	70.5W	263	19	D	35.5S	66.1W	262	18	D	36.0S	61.9W	261	18	D
JUL 29 68	36.5S	57.7W	261	17	D	37.1S	53.6W	260	17	D	37.7S	49.6W	259	16	D	38.3S	45.7W	258	16	D
JUL 30 68	39.0S	41.8W	257	16	D	39.7S	38.1W	257	15	D	40.3S	34.4W	256	15	D	41.1S	30.7W	255	14	D
JUL 31 68	41.8S	27.2W	254	14	D	42.5S	23.6W	254	14	D	43.3S	20.2W	253	14	D	44.1S	16.7W	252	13	D
AUG 1 68	44.9S	13.4W	252	13	D	45.7S	10.0W	251	13	D	46.5S	6.7W	250	12	D	47.3S	3.4W	250	12	D

RELIABILITY INDEX, R, RANGES FROM A (GOOD) TO D (POOR)

## 200MB GHOST BALLOON 148G

		00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R				
AUG 2 68	48.1S	.1W	249	12	D	48.9S	3.1E	249	12	D	49.7S	6.3E	248	12	D	50.6S	9.5E	248	11	D
AUG 3 68	51.4S	12.7E	248	11	D	52.2S	16.0E	247	11	D	53.0S	19.2E	247	11	D	53.9S	22.4E	247	11	D
AUG 4 68	54.7S	25.6E	247	10	D	55.5S	28.9E	247	10	D	56.3S	32.1E	247	10	D	57.0S	35.4E	247	10	D
AUG 5 68	57.8S	38.7E	247	10	D	58.6S	42.1E	247	10	D	59.3S	45.5E	247	10	D	60.0S	48.9E	248	10	D
AUG 6 68	60.7S	52.4E	248	10	D	61.4S	55.9E	249	9	D	62.1S	59.5E	249	9	D	62.7S	63.2E	250	9	D
AUG 7 68	63.3S	66.9E	250	9	C	63.9S	70.7E	251	9	C	64.4S	74.5E	252	9	C	65.0S	78.5E	253	9	B
AUG 8 68	65.5S	82.5E	254	9	B	65.9S	86.6E	255	9	A	66.4S	90.8E	256	9	A	66.8S	95.1E	258	9	B
AUG 9 68	67.1S	99.4E	259	9	B	67.4S	103.9E	261	9	C	67.6S	108.5E	263	9	C	67.8S	113.2E	265	9	C
AUG 10 68	67.9S	118.0E	268	9	D	68.0S	122.9E	270	10	D	67.9S	127.9E	273	10	D	67.8S	133.1E	275	10	D
AUG 11 68	67.5S	138.3E	278	11	D	67.2S	143.7E	280	11	D	66.8S	149.2E	283	12	D	66.2S	154.8E	285	12	D
AUG 12 68	65.5S	160.5E	287	13	D	64.7S	166.3E	289	14	D	63.8S	172.3E	291	15	C	62.7S	178.4E	292	16	C
AUG 13 68	61.5S	175.3W	294	17	C	60.1S	168.9W	295	18	B	58.5S	162.4W	295	20	B	56.8S	155.8W	296	21	A
AUG 14 68	55.0S	149.0W	296	23	A	53.0S	142.1W	296	24	B	50.9S	135.5W	295	26	B	48.9S	127.7W	293	27	A
AUG 15 68	46.9S	120.3W	290	28	A	45.2S	112.7W	287	29	B	43.6S	104.9W	284	30	B	42.2S	96.9W	282	31	C
AUG 16 68	41.1S	88.8W	279	32	C	40.2S	80.6W	277	33	C	39.4S	72.1W	276	34	C	38.8S	63.4W	275	36	C
AUG 17 68	38.2S	54.3W	275	38	B	37.6S	44.8W	274	39	B	37.3S	35.2W	271	39	A	37.5S	25.7W	266	38	A
AUG 18 68	38.5S	16.5W	258	37	B	40.5S	7.9W	250	35	A	43.1S	.4E	245	34	A	45.9S	8.4E	243	32	A
AUG 19 68	48.6S	16.5E	245	31	B	50.8S	24.8E	251	29	A	52.3S	33.5E	259	29	A	52.9S	42.9E	270	30	B
AUG 20 68	52.2S	53.0E	281	34	B	50.3S	63.9E	288	39	C	47.8S	75.3E	289	42	B	45.4S	86.6E	285	42	B
AUG 21 68	43.8S	97.3E	277	38	A	43.5S	107.1E	267	35	A	44.4S	116.0E	258	32	B	45.9S	124.4E	254	31	B
AUG 22 68	47.6S	132.7E	254	30	A	49.1S	141.2E	256	30	A	50.3S	149.9E	260	30	B	51.2S	159.0E	263	30	B
AUG 23 68	51.8S	168.4E	267	31	C	51.9S	178.3E	270	32	C	51.9S	171.3W	272	34	C	51.6S	160.5W	273	35	C
AUG 24 68	51.3S	149.2W	273	37	C	51.0S	137.5W	272	39	B	50.8S	125.3W	271	40	B	50.7S	112.7W	270	42	A
AUG 25 68	50.8S	99.6W	269	43	A	51.1S	86.1W	267	44	B	51.6S	72.4W	266	44	B	52.2S	58.6W	266	44	C
AUG 26 68	52.8S	44.9W	265	42	B	53.5S	31.6W	265	40	B	54.1S	18.6W	265	39	A	54.7S	6.0W	266	37	A
AUG 27 68	55.2S	6.1E	267	35	B	55.5S	17.6E	268	33	A	55.7S	28.8E	269	32	A	55.7S	39.5E	270	31	B
AUG 28 68	55.6S	49.9E	272	30	B	55.4S	59.9E	273	29	C	55.0S	69.7E	274	28	C	54.6S	79.1E	275	28	C
AUG 29 68	54.1S	88.2E	276	27	C	53.6S	97.0E	276	26	C	53.0S	105.5E	277	26	B	52.4S	113.6E	277	25	B
AUG 30 68	51.8S	121.5E	277	25	A	51.3S	129.0E	277	24	A	50.7S	136.2E	277	23	B	50.3S	143.2E	276	23	B
AUG 31 68	49.8S	149.9E	276	22	C	49.4S	156.3E	276	21	C	49.0S	162.4E	275	20	C	48.6S	168.3E	275	20	D
SEP 1 68	48.3S	174.0E	274	19	D	48.1S	179.4E	274	18	D	47.8S	175.5W	273	17	D	47.7S	170.5W	273	17	D
SEP 2 68	47.5S	165.8W	272	16	C	47.5S	161.3W	271	15	C	47.4S	157.0W	270	15	C	47.4S	152.9W	269	14	C
SEP 3 68	47.5S	149.0W	268	13	B	47.6S	145.2W	267	13	A	47.8S	141.6W	265	12	A	48.0S	138.2W	264	12	B
SEP 4 68	48.3S	135.0W	262	11	B	48.6S	131.9W	261	11	C	49.0S	128.9W	259	10	C	49.4S	126.0W	258	10	C
SEP 5 68	49.8S	123.2W	256	9	D	50.2S	120.6W	255	9	D	50.7S	118.0W	254	9	D	51.2S	115.5W	253	8	D
SEP 6 68	51.6S	113.0W	252	8	D	52.1S	110.6W	251	8	D	52.6S	108.3W	251	8	D	53.1S	105.9W	251	8	D
SEP 7 68	53.6S	103.6W	251	7	D	54.1S	101.3W	252	7	D	54.5S	99.0W	252	7	D	54.9S	96.7W	253	7	D
SEP 8 68	55.3S	94.3W	255	7	D	55.7S	91.9W	256	7	D	56.0S	89.4W	258	7	D	56.3S	86.9W	260	7	D
SEP 9 68	56.5S	84.3W	262	8	C	56.7S	81.6W	265	8	C	56.8S	78.9W	267	8	C	56.8S	76.0W	269	8	C
SEP 10 68	56.8S	73.0W	271	9	C	56.8S	69.9W	273	9	C	56.6S	66.6W	275	9	D	56.5S	63.2W	276	10	D
SEP 11 68	56.3S	59.7W	276	10	D	56.0S	56.0W	277	11	D	55.7S	52.2W	277	11	D	55.5S	48.2W	277	12	D
SEP 12 68	55.2S	44.0W	277	13	D	54.8S	39.7W	277	13	D	54.5S	35.2W	277	14	D	54.2S	30.5W	276	14	D
SEP 13 68	53.9S	25.6W	276	15	D	53.6S	20.5W	275	16	D	53.3S	15.2W	275	17	D	53.1S	9.8W	274	17	D
SEP 14 68	52.8S	4.1W	273	18	C	52.7S	1.9E	273	19	C	52.5S	8.0E	272	20	C	52.4S	14.4E	271	20	B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



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	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
SEP 15 68	52.4S	21.0E	270	21 B	52.4S	27.9E	269	22 A	52.5S	35.0E	268	23 A	52.7S	42.3E	267	23 B
SEP 16 68	52.9S	49.9E	266	24 B	53.3S	57.7E	265	24 C	53.7S	65.7E	264	25 C	54.3S	73.9E	263	25 C
SEP 17 68	55.0S	82.2E	261	25 C	55.8S	90.7E	260	25 C	56.7S	99.4E	258	25 B	57.9S	108.1E	255	25 B
SEP 18 68	59.2S	116.9E	252	25 A	60.8S	125.8E	250	24 A	62.4S	134.8E	250	23 B	63.8S	143.7E	253	21 B
SEP 19 68	64.7S	152.6E	260	20 A	65.1S	161.4E	269	19 A	64.9S	169.7E	275	18 B	64.5S	177.4E	280	16 A
SEP 20 68	63.9S	176.0W	283	14 A	63.3S	170.5W	286	12 A	62.6S	166.2W	296	10 B	61.6S	162.8W	310	10 A
SEP 21 68	60.1S	160.1W	325	11 A	58.2S	157.8W	331	12 A	56.0S	155.4W	324	13 B	54.1S	152.2W	306	14 A
SEP 22 68	52.9S	147.5W	283	18 A	52.6S	141.0W	268	23 B	53.1S	132.7W	261	29 B	54.3S	122.8W	257	32 C
SEP 23 68	56.0S	111.7W	254	35 C	57.9S	99.7W	253	35 C	59.8S	87.0W	255	35 C	61.4S	74.0W	258	33 C
SEP 24 68	62.4S	61.0W	264	31 B	62.7S	48.2W	271	30 B	62.3S	35.7W	276	30 A	61.5S	23.3W	278	31 A
SEP 25 68	60.7S	11.0W	278	31 B	60.0S	1.3E	275	32 B	59.6S	13.8E	272	33 C	59.5S	26.6E	268	34 B
SEP 26 68	60.0S	39.9E	264	35 B	61.0S	53.8E	260	36 A	62.4S	68.2E	258	36 A	63.9S	82.9E	258	34 B
SEP 27 68	65.2S	97.6E	260	32 B	66.2S	112.3E	262	31 C	66.8S	126.9E	264	29 C	67.4S	141.3E	265	28 C
SEP 28 68	67.9S	155.4E	263	27 C	68.6S	169.3E	262	26 C	69.3S	177.2W	262	24 C	69.9S	164.1W	263	23 C
SEP 29 68	70.2S	151.4W	267	22 D	70.3S	139.3W	272	21 C	70.0S	127.6W	278	20 C	69.2S	116.5W	284	20 C
SEP 30 68	68.0S	105.9W	291	21 C	66.3S	95.8W	295	22 B	64.3S	86.2W	297	24 A	62.2S	76.9W	296	24 A
OCT 1 68	60.2S	67.9W	294	25 B	58.4S	59.1W	290	25 B	56.8S	50.5W	287	25 C	55.4S	42.1W	285	25 C
OCT 2 68	54.2S	33.9W	283	25 C	53.2S	25.9W	282	25 D	52.2S	18.1W	280	25 D	51.5S	10.5W	279	24 D
OCT 3 68	50.8S	3.2W	277	24 D	50.3S	4.0E	276	23 D	49.9S	10.9E	274	23 D	49.6S	17.7E	273	22 D
OCT 4 68	49.5S	24.3E	271	22 D	49.4S	30.6E	270	21 D	49.5S	36.8E	268	20 D	49.7S	42.8E	267	20 D
OCT 5 68	49.9S	48.6E	265	19 D	50.3S	54.2E	264	18 D	50.7S	59.6E	262	17 D	51.2S	64.8E	260	17 D
OCT 6 68	51.8S	69.8E	259	16 D	52.4S	74.7E	257	15 D	53.1S	79.3E	255	15 D	53.9S	83.8E	253	14 D
OCT 7 68	54.7S	88.1E	251	13 D	55.6S	92.2E	249	13 D	56.5S	96.2E	247	12 D	57.4S	100.0E	245	11 D
OCT 8 68	58.3S	103.6E	243	11 D	59.3S	107.0E	240	10 D	60.3S	110.3E	238	10 D	61.3S	113.4E	235	9 D
OCT 9 68	62.3S	116.3E	233	9 D	63.3S	119.1E	230	8 D	64.3S	121.7E	228	8 D	65.2S	124.1E	226	7 D
OCT 10 68	66.2S	126.4E	223	7 D	67.1S	128.5E	221	6 D	68.1S	130.5E	218	6 D	68.9S	132.3E	216	5 D
OCT 11 68	69.8S	134.0E	214	5 D	70.5S	135.5E	212	5 D	71.3S	136.8E	210	4 D	72.0S	138.0E	208	4 C
OCT 12 68	72.6S	139.1E	206	3 C	73.1S	140.0E	205	3 C	73.6S	140.8E	204	3 B	74.0S	141.4E	205	2 B
OCT 13 68	74.3S	141.9E	208	1 A	74.5S	142.3E	205	1 A	74.7S	142.5E	184	1 B	75.0S	142.4E	173	2 B
OCT 14 68	75.7S	142.0E	170	4 A	76.7S	141.2E	170	6 A	78.0S	140.2E	170	7 B	79.4S	139.0E	171	7 B
OCT 15 68	80.8S	137.9E	173	7 A	82.0S	136.9E	174	6 A	83.1S	136.1E	175	5 B	84.0S	135.5E	177	4 B
OCT 16 68	84.8S	135.2E	178	3 C	85.4S	135.0E	180	3 C	85.8S	135.1E	182	2 C	86.1S	135.4E	185	1 D
OCT 17 68	86.4S	135.9E	191	1 D	86.5S	136.6E	198	1 D	86.7S	137.4E	207	1 D	86.8S	138.5E	212	1 D
OCT 18 68	86.9S	139.7E	212	1 D	87.0S	141.1E	208	1 D	87.2S	142.7E	205	1 D	87.4S	144.4E	201	1 D
OCT 19 68	87.6S	146.3E	198	1 D	87.9S	148.4E	196	2 D	88.2S	150.5E	195	1 D	88.4S	152.9E	195	1 D
OCT 20 68	88.6S	155.3E	197	1 D	88.8S	157.9E	204	1 D	88.9S	160.7E	CALM	D	89.0S	163.5E	CALM	D
OCT 21 68	89.0S	166.5E	CALM	D	89.0S	169.5E	CALM	D	89.0S	172.7E	CALM	D	89.0S	176.0E	CALM	D
OCT 22 68	89.0S	179.4E	CALM	D	88.9S	177.1W	320	1 D	88.8S	173.6W	326	1 D	88.7S	170.0W	328	1 D
OCT 23 68	88.6S	166.3W	329	1 D	88.4S	162.5W	328	1 D	88.3S	158.6W	324	1 D	88.1S	154.7W	316	1 D
OCT 24 68	88.0S	150.8W	302	1 D	87.9S	146.8W	282	1 D	87.9S	142.7W	261	1 D	88.0S	138.7W	242	1 D
OCT 25 68	88.1S	134.5W	226	1 D	88.2S	130.4W	218	1 D	88.4S	126.2W	216	1 D	88.5S	122.1W	223	1 D
OCT 26 68	88.6S	117.8W	254	1 D	88.6S	113.6W	316	1 C	88.4S	109.4W	339	2 C	87.9S	105.2W	345	3 C
OCT 27 68	87.2S	101.0W	347	5 B	86.2S	96.9W	347	6 B	84.8S	92.7W	346	8 A	83.2S	88.6W	343	9 B
OCT 28 68	81.5S	84.3W	340	10 B	79.8S	79.9W	336	10 A	78.0S	75.3W	330	10 A	76.4S	70.4W	323	10 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

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		00 GMT				06 GMT				12 GMT				18 GMT						
				MPS	R			MPS	R			MPS	R			MPS	R			
OCT 29 68	75.0S	65.3W	314	10	B	73.8S	59.9W	304	10	C	72.9S	54.2W	295	10	C	72.1S	48.2W	288	10	C
OCT 30 68	71.6S	41.9W	283	11	D	71.2S	35.5W	279	11	D	70.9S	28.7W	276	12	D	70.7S	21.8W	273	12	D
OCT 31 68	70.6S	14.7W	271	12	D	70.6S	7.3W	269	13	D	70.6S	.2E	268	13	D	70.8S	7.9E	267	13	D
NOV 1 68	70.9S	15.8E	267	13	D	71.0S	23.9E	267	14	D	71.2S	32.1E	267	14	D	71.3S	40.4E	267	14	D
NOV 2 68	71.4S	48.9E	268	14	D	71.5S	57.5E	269	14	D	71.5S	66.2E	271	14	C	71.4S	75.0E	273	15	C
NOV 3 68	71.2S	83.9E	276	15	C	70.8S	92.9E	278	15	C	70.4S	102.0E	279	16	C	69.9S	111.1E	279	16	C
NOV 4 68	69.4S	120.3E	279	17	C	68.9S	129.5E	277	17	C	68.5S	138.7E	275	18	B	68.3S	148.0E	272	18	B
NOV 5 68	68.3S	157.3E	268	18	A	68.5S	166.6E	265	18	A	68.9S	175.9E	263	17	B	69.3S	174.7W	264	17	A
NOV 6 68	69.5S	165.2W	267	17	A	69.6S	155.6W	271	17	A	69.5S	146.0W	274	17	B	69.2S	136.3W	276	18	B
NOV 7 68	68.7S	126.6W	278	18	C	68.2S	117.0W	280	19	C	67.5S	107.4W	281	19	C	66.8S	97.9W	281	19	C
NOV 8 68	66.1S	88.6W	282	20	C	65.3S	79.5W	282	20	C	64.5S	70.6W	281	20	C	63.8S	62.0W	281	20	D
NOV 9 68	63.1S	53.6W	280	19	D	62.4S	45.6W	280	19	C	61.9S	37.9W	278	18	C	61.4S	30.6W	277	18	C
NOV 10 68	61.1S	23.7W	275	17	B	60.9S	17.3W	272	15	B	60.8S	11.4W	269	14	A	60.9S	6.0W	266	13	B
NOV 11 68	61.2S	1.2W	262	12	B	61.6S	3.2E	257	10	C	62.1S	7.0E	251	9	C	62.7S	10.3E	245	8	C
NOV 12 68	63.4S	13.1E	239	7	C	64.1S	15.5E	231	6	C	64.9S	17.3E	223	5	C	65.6S	18.7E	212	4	B
NOV 13 68	66.3S	19.6E	199	4	B	67.0S	19.9E	185	3	A	67.6S	19.9E	172	3	A	68.1S	19.5E	161	3	B
NOV 14 68	68.5S	19.0E	152	2	B	68.9S	18.5E	150	2	C	69.1S	18.2E	189	1	C	69.1S	18.7E	285	2	B
NOV 15 68	68.9S	20.3E	293	5	B	68.4S	23.2E	293	7	A	67.8S	27.2E	290	9	A	67.2S	31.9E	285	10	B
NOV 16 68	66.8S	36.9E	278	10	B	66.7S	41.9E	270	10	A	66.8S	46.8E	261	10	A	67.2S	51.3E	253	9	B
NOV 17 68	67.9S	55.5E	244	9	A	68.7S	59.3E	235	8	A	69.7S	62.8E	230	8	A	70.7S	66.2E	228	8	B
NOV 18 68	71.7S	69.7E	229	8	B	72.6S	73.3E	232	7	C	73.4S	77.1E	234	7	C	74.2S	81.0E	235	7	C
NOV 19 68	74.9S	84.9E	235	7	D	75.7S	89.0E	234	6	D	76.4S	93.0E	234	6	D	77.1S	97.2E	234	6	D
NOV 20 68	77.7S	101.4E	234	6	D	78.4S	105.6E	235	5	D	79.0S	110.0E	235	5	D	79.5S	114.4E	235	5	D
NOV 21 68	80.1S	118.9E	235	5	D	80.6S	123.4E	235	5	D	81.1S	128.0E	235	4	D	81.6S	132.6E	235	4	D
NOV 22 68	82.1S	137.3E	235	4	D	82.5S	142.1E	235	4	D	82.9S	146.9E	235	4	D	83.3S	151.8E	235	4	D
NOV 23 68	83.7S	156.7E	235	3	D	84.1S	161.7E	235	3	D	84.4S	166.8E	235	3	D	84.8S	171.8E	234	3	D
NOV 24 68	85.1S	177.0E	234	3	D	85.4S	177.9W	234	3	D	85.7S	172.6W	233	3	D	86.0S	167.4W	233	2	D
NOV 25 68	86.3S	162.1W	233	2	D	86.5S	156.7W	232	2	D	86.8S	151.3W	232	2	D	87.0S	145.9W	232	2	D
NOV 26 68	87.2S	140.4W	232	2	D	87.4S	134.9W	231	2	D	87.6S	129.4W	231	2	D	87.8S	123.8W	231	1	D
NOV 27 68	88.0S	118.2W	231	1	D	88.1S	112.5W	232	1	D	88.3S	106.9W	232	1	D	88.4S	101.2W	233	1	D
NOV 28 68	88.5S	95.5W	234	1	D	88.6S	89.7W	235	1	D	88.7S	83.9W	237	1	D	88.8S	78.1W	239	1	D
NOV 29 68	88.8S	72.3W	243	1	D	88.9S	66.5W	246	1	D	88.9S	60.6W	251	1	D	89.0S	54.7W	256	1	D
NOV 30 68	89.0S	48.8W	262	1	D	89.0S	42.9W	269	1	D	89.0S	37.0W	275	1	D	89.0S	31.0W	281	1	D
DEC 1 68	89.0S	25.1W	286	1	D	88.9S	19.1W	290	1	D	88.9S	13.1W	293	1	D	88.8S	7.1W	296	1	D
DEC 2 68	88.8S	1.1W	298	1	D	88.7S	4.9E	299	1	D	88.6S	10.9E	300	1	D	88.5S	16.9E	301	1	D
DEC 3 68	88.4S	22.9E	301	1	D	88.3S	28.9E	301	1	D	88.2S	34.9E	301	1	D	88.1S	41.0E	301	1	D
DEC 4 68	88.0S	47.0E	300	1	D	87.8S	53.0E	300	1	D	87.7S	59.0E	299	1	D	87.6S	65.0E	299	1	D
DEC 5 68	87.4S	71.0E	298	2	D	87.3S	76.9E	297	2	D	87.1S	82.9E	297	2	D	87.0S	88.9E	296	2	D
DEC 6 68	86.8S	94.8E	295	2	D	86.7S	100.7E	294	2	D	86.5S	106.6E	294	2	D	86.3S	112.5E	293	2	D
DEC 7 68	86.2S	118.4E	292	2	D	86.0S	124.3E	292	2	D	85.9S	130.1E	291	2	D	85.7S	135.9E	290	2	D
DEC 8 68	85.5S	141.7E	289	2	D	85.4S	147.5E	289	3	D	85.2S	153.2E	288	3	D	85.1S	158.9E	288	3	D
DEC 9 68	84.9S	164.6E	287	3	D	84.8S	170.3E	287	3	D	84.6S	175.9E	287	3	D	84.4S	178.5W	286	3	D
DEC 10 68	84.3S	172.9W	286	3	D	84.1S	167.4W	286	3	D	84.0S	161.9W	285	3	D	83.8S	156.4W	285	3	D
DEC 11 68	83.7S	151.0W	285	3	D	83.5S	145.6W	285	3	D	83.3S	140.3W	285	3	D	83.2S	135.0W	284	3	D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 148G

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
DEC 12 68	83.0S	129.8W	284	3 D	82.9S	124.5W	284	3 D	82.7S	119.4W	284	3 D	82.5S	114.3W	284	4 D
DEC 13 68	82.4S	109.2W	284	4 D	82.2S	104.2W	284	4 D	82.0S	99.2W	284	4 D	81.8S	94.3W	284	4 D
DEC 14 68	81.7S	89.5W	284	4 D	81.5S	84.7W	284	4 D	81.3S	79.9W	284	4 C	81.2S	75.2W	284	4 C
DEC 15 68	81.0S	70.6W	285	4 C	80.8S	66.0W	285	4 C	80.6S	61.5W	283	4 C	80.4S	57.1W	280	4 C
DEC 16 68	80.4S	53.0W	274	3 C	80.4S	49.1W	266	3 C	80.4S	45.4W	259	3 C	80.6S	42.0W	252	3 C
DEC 17 68	80.8S	38.8W	245	3 D	81.1S	35.7W	239	3 D	81.4S	32.7W	235	3 D	81.7S	29.8W	233	3 D
DEC 18 68	82.0S	26.9W	233	3 D	82.3S	24.0W	234	2 D	82.5S	21.1W	237	2 D	82.8S	18.0W	242	2 D
DEC 19 68	83.0S	14.9W	248	2 D	83.1S	11.6W	258	2 D	83.1S	8.1W	273	2 D	83.0S	4.3W	289	3 C
DEC 20 68	82.8S	.0E	302	3 C	82.3S	4.8E	307	4 C	81.8S	9.9E	308	5 C	81.2S	14.8E	305	5 B
DEC 21 68	80.8S	19.4E	299	4 B	80.5S	23.3E	288	3 A	80.4S	26.7E	275	3 A	80.4S	29.7E	261	3 B
DEC 22 68	80.5S	32.5E	249	2 B	80.7S	35.3E	242	3 A	81.0S	38.1E	243	3 A	81.2S	41.0E	252	3 B
DEC 23 68	81.3S	44.3E	267	3 B	81.2S	47.9E	283	3 C	81.0S	51.8E	297	3 C	80.6S	55.5E	308	4 C
DEC 24 68	80.0S	59.1E	319	5 C	79.3S	62.2E	327	5 C	78.4S	64.9E	333	5 C	77.4S	67.0E	338	6 C
DEC 25 68	76.4S	68.5E	344	6 D	75.4S	69.4E	351	5 D	74.5S	69.6E	4	4 D	73.9S	69.0E	38	3 C
DEC 26 68	73.8S	67.3E	100	3 C	74.1S	64.6E	122	5 C	74.7S	61.2E	125	6 C	75.4S	57.4E	120	6 B
DEC 27 68	75.7S	53.6E	99	5 B	75.6S	50.1E	65	5 A	75.0S	47.0E	42	6 A	73.9S	44.0E	31	8 B
DEC 28 68	72.3S	41.2E	26	10 B	70.4S	38.5E	23	11 A	68.3S	36.2E	18	11 B	66.3S	34.9E	10	10 B
DEC 29 68	64.7S	34.8E	347	7 B	63.5S	36.3E	317	7 A	62.5S	38.8E	308	8 A	61.4S	41.6E	316	10 B
DEC 30 68	59.7S	44.1E	334	12 A	57.2S	45.6E	347	15 A	54.2S	46.6E	351	15 A	51.4S	47.3E	349	14 A
DEC 31 68	49.1S	48.3E	336	10 B	47.8S	49.9E	301	8 C	47.5S	52.4E	266	10 C	48.0S	55.7E	249	14 B
JAN 1 69	49.4S	60.1E	241	19 A	51.5S	65.5E	238	22 A	53.8S	71.7E	239	23 A	56.1S	78.5E	242	23 B
JAN 2 69	57.8S	85.5E	250	21 B	58.7S	92.5E	262	19 A	58.9S	99.5E	272	19 A	58.6S	106.7E	279	19 B
JAN 3 69	57.9S	113.9E	282	21 B	56.9S	121.4E	284	22 C	55.8S	128.9E	285	22 C	54.7S	136.2E	286	22 C
JAN 4 69	53.5S	143.1E	287	21 D	52.3S	149.3E	287	19 D	51.3S	154.8E	287	17 C	50.5S	159.4E	285	14 C
JAN 5 69	49.9S	162.9E	281	10 C	49.7S	165.3E	269	6 B	50.0S	166.4E	200	3 B	50.8S	165.9E	143	7 A
JAN 6 69	52.2S	163.6E	133	14 A	54.3S	159.7E	132	18 A	56.9S	154.8E	134	20 B	59.6S	149.8E	139	18 A
JAN 7 69	62.1S	145.8E	147	15 A	64.3S	143.3E	159	11 A	66.1S	142.0E	166	9 B	67.7S	141.0E	164	8 A
JAN 8 69	69.0S	139.7E	152	7 A	70.1S	137.4E	138	7 A	71.1S	134.1E	127	7 A	71.8S	130.3E	117	7 B
JAN 9 69	72.4S	125.9E	107	7 C	72.7S	121.3E	97	7 C	72.7S	116.8E	84	7 C	72.4S	112.7E	67	6 B
JAN 10 69	71.7S	109.5E	44	6 A	70.7S	107.4E	22	7 A	69.3S	106.5E	6	8 A	67.8S	106.6E	351	8 B
JAN 11 69	66.2S	107.8E	338	9 C	64.5S	109.9E	324	10 C	63.2S	112.9E	308	10 C	62.2S	116.6E	288	10 C
JAN 12 69	62.0S	121.0E	265	11 C	62.6S	125.8E	249	13 C	63.6S	130.9E	244	13 B	64.6S	136.1E	248	12 B
JAN 13 69	65.3S	141.1E	263	10 A	65.1S	145.7E	287	10 A	64.2S	149.9E	304	11 B	62.7S	153.8E	314	12 B
JAN 14 69	60.9S	157.4E	319	13 C	59.0S	160.8E	318	13 B	57.3S	164.2E	307	12 B	56.4S	167.8E	281	11 A
JAN 15 69	56.6S	171.9E	246	13 A	58.3S	176.4E	228	17 A	60.7S	179.1W	221	16 B	62.6S	175.6W	224	9 B
JAN 16 69	63.0S	173.9W	337	4 A	61.2S	174.2W	12	14 A	57.9S	175.7W	13	19 B	54.4S	176.9W	6	17 A
JAN 17 69	51.8S	176.4W	328	11 A	50.9S	173.3W	276	14 A	50.9S	168.3W	268	18 B	50.8S	162.7W	279	18 A
JAN 18 69	49.5S	157.8W	310	18 A	46.3S	154.4W	334	23 B	42.0S	151.8W	337	25 B	37.7S	149.0W	326	24 A
JAN 19 69	34.6S	144.9W	297	24 A	33.6S	138.9W	269	29 A	34.7S	131.6W	253	33 B	37.4S	124.1W	239	34 A
JAN 20 69	41.4S	117.6W	223	32 A	46.4S	112.9W	207	30 B	51.4S	110.1W	194	26 B	55.8S	109.0W	183	19 A
JAN 21 69	58.7S	109.4W	163	10 A	59.5S	111.0W	80	5 B	58.6S	112.9W	31	9 B	56.8S	114.0W	5	10 A
JAN 22 69	54.8S	113.2W	328	11 A	53.2S	109.8W	296	16 B	52.1S	104.0W	281	22 B	51.6S	96.4W	273	27 C
JAN 23 69	51.6S	87.6W	267	30 B	52.1S	77.9W	263	32 B	52.9S	67.8W	262	32 A	53.7S	57.3W	264	32 A
JAN 24 69	54.1S	46.7W	268	32 A	54.0S	36.3W	274	31 A	53.4S	26.6W	278	28 A	52.5S	18.1W	283	25 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 148G

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
JAN 25 69	51.3S	11.4W	290	19 B	50.0S	6.7W	296	15 A	48.7S	2.4W	292	17 A	47.5S	3.4E	283	26 A
JAN 26 69	46.5S	12.6E	276	41 B	45.8S	26.6E	273	58 A	45.3S	44.0E	272	67 A	44.9S	63.0E	272	70 B
JAN 27 69	44.4S	81.6E	273	65 A	43.7S	98.2E	274	58 A	42.7S	112.5E	276	50 A	41.6S	124.5E	279	42 B
JAN 28 69	40.2S	134.0E	283	34 A	38.6S	141.3E	289	27 A	36.9S	147.0E	290	23 B	35.5S	152.1E	286	22 A
JAN 29 69	34.6S	157.5E	277	25 A	34.4S	163.8E	269	28 A	34.9S	170.6E	262	29 B	36.0S	177.3E	255	28 A
JAN 30 69	37.7S	176.7W	245	24 A	39.7S	172.0W	238	19 A	41.3S	168.4W	250	13 B	41.1S	165.6W	305	12 A
JAN 31 69	38.2S	163.3W	340	25 A	32.0S	161.2W	346	39 A	24.2S	158.9W	343	43 B	16.8S	155.7W	330	37 B
FEB 1 69	12.3S	151.2W	296	30 A	12.0S	145.0W	255	36 A	15.4S	137.6W	238	46 B	21.0S	129.4W	231	51 B
FEB 2 69	27.4S	121.1W	228	50 B	33.6S	113.2W	228	44 B	39.0S	105.9W	229	37 A	43.0S	99.2W	234	29 A
FEB 3 69	45.4S	93.3W	250	21 A	45.9S	88.3W	274	17 B	45.2S	83.6W	288	18 A	44.0S	78.5W	285	21 A
FEB 4 69	43.3S	72.3W	273	26 A	43.6S	64.7W	263	31 B	44.4S	56.3W	261	31 A	45.2S	48.3W	264	28 A
FEB 5 69	45.3S	41.5W	277	21 A	44.2S	36.5W	297	18 A	42.3S	32.0W	299	21 A	40.3S	26.2W	288	29 A
FEB 6 69	39.0S	17.5W	276	44 B	38.7S	4.5W	269	59 A	39.4S	11.6E	266	68 A	40.6S	29.1E	264	69 B
FEB 7 69	42.0S	46.4E	264	64 B	43.2S	62.0E	264	55 A	44.0S	75.3E	267	45 A	44.1S	86.2E	274	35 B
FEB 8 69	43.0S	94.2E	290	26 A	40.6S	99.2E	317	21 A	36.9S	102.0E	339	23 A	32.3S	103.4E	349	27 B
FEB 9 69	26.8S	104.5E	349	30 B	20.9S	106.1E	343	31 C	15.6S	108.4E	329	28 C	12.1S	111.9E	299	24 B
FEB 10 69	11.6S	116.7E	255	29 A	14.9S	123.0E	234	43 A	21.0S	130.6E	227	53 B	28.5S	139.1E	225	56 A
FEB 11 69	35.9S	148.0E	226	52 A	41.9S	157.1E	234	42 A	45.1S	165.9E	259	32 B	43.9S	174.1E	304	35 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 149Z

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R	MPS	R	MPS	R	MPS	R	MPS	R	MPS	R	MPS	R		
JUN 19 68	42.7S	176.9W	318	51 A	35.0S	167.7W	308	46 A	31.3S	159.7W	287	35 B	30.6S	152.4W	265	31 A
JUN 20 68	32.0S	145.5W	250	31 A	34.4S	138.8W	244	32 B	37.0S	132.0W	248	31 B	38.7S	124.8W	261	31 A
JUN 21 68	38.6S	116.9W	282	34 A	36.1S	108.2W	295	41 B	32.4S	99.4W	297	42 A	29.1S	91.3W	292	36 A
JUN 22 68	27.6S	84.8W	270	25 A	29.1S	80.4W	228	21 B	32.6S	77.5W	207	23 A	36.7S	75.2W	205	22 A
JUN 23 68	40.0S	72.6W	225	17 A	41.5S	68.8W	261	17 B	41.4S	63.7W	278	23 A	40.5S	57.1W	280	29 A
JUN 24 68	39.6S	49.0W	276	36 B	39.2S	39.3W	271	41 B	39.3S	28.7W	268	43 A	39.7S	17.7W	267	43 A
JUN 25 68	40.0S	7.2W	268	40 B	40.2S	2.5E	269	36 B	40.3S	11.4E	270	33 C	40.2S	19.5E	271	31 C
JUN 26 68	40.2S	27.2E	270	30 C	40.1S	34.6E	270	29 D	40.1S	41.7E	270	28 D	40.2S	48.6E	269	27 D
JUN 27 68	40.3S	55.3E	269	26 D	40.4S	61.8E	269	25 D	40.5S	68.1E	268	24 D	40.7S	74.2E	268	24 C
JUN 28 68	40.8S	80.1E	268	23 C	41.0S	85.9E	267	23 C	41.3S	91.8E	266	23 C	41.8S	98.0E	264	25 B
JUN 29 68	42.3S	104.7E	262	27 A	43.1S	111.9E	262	27 A	43.8S	118.7E	263	23 B	44.1S	123.8E	270	15 B
JUN 30 68	43.6S	126.1E	337	5 A	42.3S	125.0E	47	13 A	40.4S	122.0E	49	16 B	38.3S	119.4E	32	13 B
JUL 1 68	36.3S	119.4E	316	12 A	35.0S	123.4E	283	25 A	34.2S	130.3E	274	33 B	34.0S	138.3E	269	33 B
JUL 2 68	34.3S	145.4E	263	26 A	35.2S	150.2E	250	16 A	36.4S	152.6E	216	9 B	37.9S	152.8E	161	9 B
JUL 3 68	39.7S	151.2E	133	13 C	41.5S	148.1E	124	17 C	43.3S	144.3E	122	17 B	45.0S	140.6E	125	15 B
JUL 4 68	46.6S	138.0E	139	10 A	47.9S	137.0E	177	6 A	49.0S	137.8E	226	7 B	49.9S	140.0E	249	11 B
JUL 5 68	50.4S	143.7E	260	14 C	50.8S	148.5E	266	17 C	50.9S	154.2E	270	20 C	50.8S	160.7E	273	22 C
JUL 6 68	50.5S	167.6E	276	23 C	49.9S	174.7E	278	24 C	49.2S	178.1W	280	24 B	48.3S	171.2W	283	24 A
JUL 7 68	47.2S	164.6W	285	23 A	46.0S	158.6W	288	22 A	44.6S	152.8W	288	22 B	43.3S	146.9W	287	24 A
JUL 8 68	42.0S	140.6W	284	26 A	40.8S	133.7W	281	29 B	39.8S	126.0W	279	32 B	38.9S	117.7W	277	35 C
JUL 9 68	38.1S	108.8W	276	37 C	37.5S	99.4W	274	40 C	37.0S	89.5W	273	42 C	36.7S	79.1W	272	44 C
JUL 10 68	36.6S	68.2W	270	46 B	36.6S	56.8W	269	48 B	36.8S	45.1W	268	49 A	37.2S	33.1W	267	50 A
JUL 11 68	37.8S	20.8W	266	51 B	38.4S	8.3W	266	51 B	39.2S	4.2E	265	50 C	40.0S	16.7E	265	49 C
JUL 12 68	40.7S	28.9E	265	47 C	41.5S	40.7E	266	45 C	42.0S	52.1E	266	42 C	42.4S	62.8E	268	39 B
JUL 13 68	42.6S	72.7E	270	36 B	42.5S	81.7E	272	32 A	42.1S	89.8E	275	29 A	41.5S	97.0E	277	27 B
JUL 14 68	40.9S	103.6E	278	24 C	40.3S	109.5E	277	22 C	39.9S	114.9E	274	21 B	39.8S	120.1E	268	20 B
JUL 15 68	40.2S	125.3E	259	21 A	41.3S	130.5E	251	22 A	42.8S	135.9E	248	22 B	44.5S	141.3E	247	21 B
JUL 16 68	46.0S	146.6E	250	20 C	47.1S	151.9E	258	19 C	47.4S	156.9E	274	17 B	46.5S	161.6E	297	18 B
JUL 17 68	44.2S	165.9E	318	22 A	40.2S	169.8E	327	28 A	35.6S	173.7E	322	28 B	31.9S	178.4E	303	27 A
JUL 18 68	30.4S	175.6W	270	31 A	31.9S	167.8W	249	40 A	35.4S	158.5W	244	46 B	39.2S	148.1W	248	46 A
JUL 19 68	41.6S	137.3W	261	43 A	41.6S	126.3W	277	42 B	40.0S	115.6W	284	43 B	37.9S	105.3W	283	41 A
JUL 20 68	36.8S	95.8W	272	37 A	37.5S	87.3W	257	34 B	39.5S	79.7W	246	31 B	42.0S	73.1W	242	27 C
JUL 21 68	44.1S	67.3W	247	21 B	45.1S	62.3W	263	17 B	45.0S	57.8W	282	17 A	43.8S	53.3W	297	19 A
JUL 22 68	41.7S	48.6W	304	23 B	38.9S	43.3W	305	28 B	35.8S	37.3W	300	31 A	32.9S	30.4W	292	35 A
JUL 23 68	30.8S	22.4W	282	38 B	30.0S	13.5W	272	42 B	30.0S	3.7W	267	45 A	30.7S	6.4E	264	45 B
JUL 24 68	31.7S	16.6E	264	44 B	32.6S	26.6E	264	44 C	33.5S	36.7E	263	45 C	34.8S	47.4E	260	48 B
JUL 25 68	36.7S	59.3E	258	53 B	39.2S	72.5E	256	57 A	41.6S	86.8E	258	57 A	43.4S	101.4E	264	55 B
JUL 26 68	43.7S	115.8E	274	53 A	42.1S	129.5E	284	51 A	39.4S	141.8E	289	48 B	36.5S	152.1E	289	40 A
JUL 27 68	34.6S	159.7E	282	26 A	34.4S	164.4E	257	15 A	35.7S	167.1E	222	13 B	38.1S	169.1E	210	17 A
JUL 28 68	41.1S	171.6E	218	21 A	44.2S	175.8E	229	24 A	47.0S	178.7W	240	24 B	48.7S	172.3W	256	23 A
JUL 29 68	49.1S	165.5W	278	23 A	47.6S	158.7W	296	26 A	44.9S	151.9W	302	29 B	41.9S	145.3W	300	29 A
JUL 30 68	39.5S	138.6W	290	28 A	38.2S	131.9W	277	27 B	38.0S	125.2W	268	28 B	38.6S	118.3W	262	28 A
JUL 31 68	39.5S	111.3W	259	29 A	40.6S	104.0W	259	29 B	41.6S	96.5W	260	30 B	42.7S	88.6W	261	31 C
AUG 1 68	43.6S	80.3W	262	32 C	44.3S	71.5W	264	33 C	44.8S	62.2W	267	35 C	45.1S	52.3W	269	37 C

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 149Z

		00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R				
AUG 2 68	45.1S	42.0W	271	39	C	44.8S	31.2W	273	41	C	44.3S	19.8W	274	43	D	43.6S	8.1W	275	45	D
AUG 3 68	42.9S	4.0E	275	46	D	42.1S	16.3E	274	48	D	41.5S	28.9E	274	49	D	40.9S	41.7E	273	50	C
AUG 4 68	40.5S	54.5E	272	51	C	40.4S	67.5E	270	51	C	40.5S	80.5E	268	51	B	41.0S	93.4E	265	51	B
AUG 5 68	42.1S	106.4E	262	50	A	43.7S	119.3E	259	48	A	45.5S	131.8E	258	45	B	47.2S	143.7E	259	41	B
AUG 6 68	48.3S	154.6E	264	35	A	48.6S	164.1E	271	30	A	48.2S	172.2E	279	26	B	47.2S	178.8E	287	21	A
AUG 7 68	45.8S	176.4W	298	16	A	44.3S	173.2W	311	12	A	42.8S	171.2W	321	10	B	41.3S	169.6W	319	10	A
AUG 8 68	39.9S	167.6W	305	12	A	38.7S	164.7W	290	15	A	38.0S	160.8W	277	18	B	38.0S	155.9W	266	22	A
AUG 9 68	38.7S	150.2W	255	26	A	40.4S	143.6W	250	29	A	42.3S	136.3W	253	31	B	43.5S	128.1W	264	32	A
AUG 10 68	43.4S	119.1W	280	36	A	41.3S	109.4W	291	41	B	37.9S	99.2W	294	45	B	34.4S	89.1W	292	46	A
AUG 11 68	31.7S	79.4W	284	42	A	30.6S	70.4W	272	39	B	31.0S	61.7W	262	39	A	32.5S	52.7W	257	41	A
AUG 12 68	34.6S	42.9W	255	45	B	37.1S	32.0W	254	48	B	39.5S	20.6W	255	47	C	41.8S	9.5W	255	43	B
AUG 13 68	43.6S	.6E	258	36	B	44.8S	9.1E	262	29	A	45.3S	16.6E	267	26	A	45.3S	23.8E	272	26	B
AUG 14 68	44.9S	31.4E	275	30	B	44.3S	40.3E	276	35	A	43.5S	50.4E	276	41	A	42.7S	62.0E	275	47	B
AUG 15 68	42.0S	75.0E	274	53	B	41.4S	89.2E	273	56	C	41.0S	103.7E	272	55	B	40.5S	116.8E	273	47	B
AUG 16 68	39.8S	127.4E	276	35	A	38.9S	134.5E	284	23	A	37.7S	139.1E	295	17	B	36.1S	142.7E	302	18	A
AUG 17 68	34.0S	146.8E	299	24	A	31.7S	152.6E	293	31	A	29.5S	159.7E	285	35	B	28.3S	167.5E	275	36	A
AUG 18 68	28.5S	175.2E	259	35	A	30.6S	177.5W	245	35	A	33.8S	170.1W	243	36	B	36.7S	162.1W	250	37	A
AUG 19 68	38.3S	152.8W	267	42	A	37.7S	141.7W	279	49	A	35.7S	129.4W	282	54	B	33.6S	116.9W	279	54	A
AUG 20 68	32.7S	105.1W	270	49	A	33.6S	94.7W	258	42	B	35.7S	85.9W	252	34	A	37.4S	79.0W	256	25	A
AUG 21 68	37.6S	74.1W	289	17	A	35.3S	71.1W	332	19	B	31.3S	69.7W	350	23	A	26.8S	69.1W	356	23	A
AUG 22 68	22.9S	68.7W	354	16	A	20.6S	68.1W	330	9	B	19.7S	66.6W	278	10	A	20.0S	63.9W	259	17	A
AUG 23 68	20.9S	59.4W	257	27	A	22.2S	52.9W	258	36	B	23.8S	44.9W	257	41	A	25.7S	36.2W	255	42	A
AUG 24 68	27.9S	27.6W	253	40	B	30.2S	19.7W	251	35	A	32.1S	12.5W	256	31	A	32.9S	5.9W	269	28	A
AUG 25 68	32.2S	.3E	290	28	B	29.4S	6.3E	305	32	A	25.4S	11.9E	311	33	A	21.3S	17.0E	309	30	A
AUG 26 68	18.3S	21.6E	298	24	B	17.1S	25.6E	274	19	A	17.6S	29.7E	254	22	A	19.3S	34.5E	246	28	B
AUG 27 68	21.9S	40.6E	247	37	A	24.8S	48.6E	249	44	A	27.8S	58.0E	251	47	A	30.6S	68.1E	253	47	B
AUG 28 68	32.9S	78.1E	256	44	B	34.6S	87.5E	259	39	A	35.8S	96.1E	262	34	A	36.5S	103.6E	264	29	B
AUG 29 68	37.1S	110.1E	263	24	B	37.6S	115.5E	265	21	C	37.6S	120.9E	273	24	B	37.0S	127.4E	281	32	B
AUG 30 68	35.1S	136.5E	286	47	A	32.0S	148.7E	287	61	A	28.5S	162.5E	286	66	B	25.5S	176.0E	282	60	B
AUG 31 68	24.1S	172.9W	271	43	A	25.1S	165.5W	249	29	A	27.7S	160.5W	231	26	B	31.1S	155.9W	232	29	A
SEP 1 68	34.3S	149.5W	247	36	A	36.5S	139.9W	260	46	A	37.6S	127.9W	267	53	B	37.7S	114.6W	271	55	A
SEP 2 68	37.2S	101.4W	275	53	A	36.0S	89.2W	278	49	B	34.6S	78.2W	279	45	A	33.2S	68.0W	278	43	A
SEP 3 68	32.3S	58.5W	275	40	A	32.0S	49.4W	269	39	B	32.6S	40.4W	262	40	A	34.1S	31.0W	256	42	A
SEP 4 68	36.7S	20.9W	250	46	B	40.2S	9.9W	246	48	A	43.9S	1.5E	246	46	A	47.1S	12.7E	251	40	A
SEP 5 68	48.8S	23.1E	264	33	B	48.5S	32.2E	282	30	A	46.6S	40.2E	296	30	A	43.6S	47.6E	302	31	A
SEP 6 68	40.4S	54.8E	301	33	A	37.3S	62.0E	296	34	A	34.7S	69.7E	290	36	A	32.7S	78.1E	283	39	B
SEP 7 68	31.3S	87.4E	276	44	B	30.8S	97.9E	271	49	C	30.8S	109.3E	268	53	B	31.4S	121.6E	266	55	B
SEP 8 68	32.1S	134.3E	266	57	A	33.0S	147.3E	266	56	A	33.7S	160.0E	266	53	B	34.3S	171.9E	267	48	A
SEP 9 68	34.6S	177.7W	269	40	A	34.6S	169.2W	270	33	A	34.7S	161.9W	268	29	B	35.1S	155.2W	261	28	A
SEP 10 68	36.4S	148.3W	252	31	A	38.8S	140.6W	246	36	A	41.8S	131.9W	246	39	B	44.7S	122.1W	251	40	A
SEP 11 68	46.7S	111.1W	260	42	A	47.4S	99.0W	270	43	B	46.8S	87.0W	279	40	A	45.0S	76.8W	290	34	A
SEP 12 68	42.3S	69.8W	311	24	A	38.9S	67.1W	349	19	B	35.5S	67.4W	17	17	A	32.7S	69.0W	30	13	A
SEP 13 68	31.2S	69.9W	10	3	A	31.4S	69.0W	237	10	B	32.9S	66.5W	235	17	A	34.9S	63.0W	238	19	A
SEP 14 68	36.5S	59.2W	248	16	A	37.2S	55.7W	264	14	B	37.2S	52.2W	274	15	A	36.9S	48.4W	275	16	A

RELIABILITY INDEX,R. RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 149Z

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
SEP 15 68	36.8S	44.1W	268	20 A	37.1S	38.9W	263	23 A	37.9S	33.0W	260	25 A	38.8S	26.7W	259	26 A
SEP 16 68	39.7S	20.3W	260	26 B	40.5S	14.0W	261	25 A	41.3S	7.7W	261	25 A	42.0S	1.3W	260	25 A
SEP 17 68	43.0S	5.2E	258	26 B	44.1S	12.0E	256	26 A	45.3S	19.1E	258	27 A	46.3S	26.7E	262	28 A
SEP 18 68	46.8S	34.9E	268	30 B	46.7S	43.7E	273	33 A	46.3S	53.4E	274	36 A	45.9S	64.1E	272	40 B
SEP 19 68	46.0S	75.8E	267	44 B	46.7S	88.7E	264	47 A	47.7S	102.1E	264	47 A	48.4S	115.2E	267	43 B
SEP 20 68	48.2S	127.1E	275	38 A	47.0S	137.3E	285	34 A	44.9S	146.0E	291	32 B	42.7S	153.7E	292	30 A
SEP 21 68	40.8S	160.8E	286	28 A	39.7S	167.6E	277	27 A	39.4S	174.2E	270	26 B	39.7S	179.6W	265	24 B
SEP 22 68	40.2S	173.8W	261	22 C	40.9S	168.4W	260	20 B	41.5S	163.7W	261	17 B	41.9S	159.7W	267	14 A
SEP 23 68	41.8S	156.6W	281	10 A	41.1S	154.4W	299	9 A	40.3S	152.6W	301	8 B	39.6S	150.6W	283	9 A
SEP 24 68	39.6S	147.8W	260	14 A	40.5S	143.8W	252	19 A	41.7S	138.6W	254	23 B	42.7S	132.3W	264	26 A
SEP 25 68	42.6S	125.1W	278	29 A	41.2S	117.1W	288	33 B	39.0S	108.8W	288	35 A	37.1S	100.5W	282	34 A
SEP 26 68	36.5S	92.6W	266	31 A	37.9S	85.4W	248	30 B	40.6S	78.8W	238	30 A	43.6S	72.5W	237	28 A
SEP 27 68	46.1S	66.2W	246	25 A	47.4S	59.7W	261	23 A	47.7S	53.1W	271	23 A	47.5S	46.2W	273	24 A
SEP 28 68	47.3S	39.3W	270	24 A	47.5S	32.1W	265	26 A	48.0S	24.5W	264	28 A	48.6S	16.0W	265	31 A
SEP 29 68	49.1S	6.1W	267	36 B	49.2S	5.3E	270	41 A	49.1S	17.9E	271	44 A	48.9S	31.0E	272	45 A
SEP 30 68	48.6S	44.1E	272	44 A	48.4S	56.8E	271	43 A	48.2S	69.1E	271	42 A	48.2S	81.3E	270	42 B
OCT 1 68	48.4S	93.5E	268	42 B	48.7S	106.1E	268	43 C	49.0S	118.8E	268	43 B	49.3S	131.6E	269	43 B
OCT 2 68	49.3S	144.4E	271	43 A	48.9S	157.0E	274	43 A	48.2S	169.6E	276	43 B	47.3S	178.0W	277	44 B
OCT 3 68	46.3S	165.7W	277	44 C	45.3S	153.4W	276	45 B	44.6S	141.1W	273	45 B	44.4S	128.9W	269	45 A
OCT 4 68	45.0S	116.7W	263	45 A	46.5S	104.4W	257	45 B	48.8S	92.2W	251	44 A	51.8S	80.1W	246	42 A
OCT 5 68	55.4S	68.1W	240	40 A	59.4S	56.5W	236	36 B	63.2S	45.3W	234	31 A	66.4S	34.7W	237	25 A
OCT 6 68	68.4S	24.9W	251	19 B	68.8S	15.9W	275	16 B	68.0S	7.6W	293	17 C	66.5S	.0E	301	18 C
OCT 7 68	64.7S	7.1E	301	18 B	63.1S	13.9E	296	17 A	61.8S	20.3E	290	16 A	60.9S	26.5E	283	16 B
OCT 8 68	60.5S	32.5E	274	15 B	60.5S	38.3E	264	15 C	61.0S	44.1E	256	15 C	61.9S	49.9E	250	15 B
OCT 9 68	63.0S	55.8E	246	15 B	64.2S	61.8E	244	15 A	65.5S	68.0E	243	15 A	66.8S	74.4E	243	15 B
OCT 10 68	68.1S	81.1E	245	14 B	69.2S	88.1E	247	14 C	70.2S	95.3E	249	14 C	71.1S	102.8E	252	13 C
OCT 11 68	71.8S	110.6E	255	13 C	72.4S	118.5E	258	13 D	72.9S	126.6E	260	13 D	73.3S	134.9E	262	12 C
OCT 12 68	73.6S	143.2E	264	12 C	73.8S	151.7E	265	12 C	74.0S	160.1E	265	12 B	74.2S	168.6E	266	12 B
OCT 13 68	74.4S	177.0E	266	12 A	74.5S	174.6W	265	11 A	74.7S	166.3W	265	11 B	74.9S	158.1W	265	11 C
OCT 14 68	75.1S	150.0W	265	11 C	75.3S	141.9W	264	11 C	75.5S	133.9W	264	10 C	75.7S	125.9W	264	10 D
OCT 15 68	75.9S	118.1W	264	10 D	76.1S	110.3W	263	10 D	76.3S	102.6W	263	9 D	76.5S	95.0W	263	9 D
OCT 16 68	76.8S	87.4W	263	9 D	77.0S	80.0W	263	9 D	77.2S	72.6W	262	8 D	77.4S	65.4W	262	8 D
OCT 17 68	77.6S	58.2W	262	8 D	77.9S	51.1W	262	8 D	78.1S	44.1W	261	7 D	78.3S	37.2W	261	7 D
OCT 18 68	78.5S	30.5W	261	7 D	78.7S	23.8W	261	7 D	78.9S	17.2W	261	7 D	79.1S	10.7W	261	6 D
OCT 19 68	79.3S	4.4W	261	6 D	79.5S	1.9E	260	6 D	79.7S	8.0E	260	6 D	79.9S	14.1E	260	5 D
OCT 20 68	80.1S	20.0E	260	5 D	80.2S	25.8E	260	5 D	80.4S	31.4E	260	5 D	80.5S	37.0E	260	5 D
OCT 21 68	80.7S	42.4E	261	5 D	80.8S	47.7E	261	4 D	81.0S	52.9E	261	4 D	81.1S	58.0E	262	4 D
OCT 22 68	81.2S	62.9E	262	4 D	81.3S	67.7E	262	4 D	81.4S	72.3E	263	4 D	81.5S	76.8E	264	3 D
OCT 23 68	81.5S	81.2E	265	3 D	81.6S	85.4E	266	3 D	81.6S	89.5E	267	3 D	81.6S	93.5E	268	3 D
OCT 24 68	81.7S	97.3E	269	3 D	81.7S	100.9E	271	3 D	81.6S	104.5E	273	3 D	81.6S	107.8E	275	2 D
OCT 25 68	81.6S	111.0E	277	2 D	81.5S	114.1E	279	2 D	81.4S	116.9E	282	2 D	81.3S	119.7E	285	2 D
OCT 26 68	81.2S	122.2E	288	2 D	81.1S	124.6E	291	2 D	80.9S	126.9E	295	2 D	80.8S	129.0E	299	2 C
OCT 27 68	80.6S	130.9E	304	2 C	80.4S	132.6E	308	2 C	80.1S	134.2E	313	2 B	79.9S	135.6E	319	2 B
OCT 28 68	79.6S	136.8E	325	2 A	79.3S	137.8E	330	2 A	79.0S	138.7E	334	2 B	78.7S	139.4E	338	2 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

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	00 GMT				06 GMT				12 GMT				18 GMT			
				MPS R				MPS R				MPS R				MPS R
OCT 29 68	78.3S	140.1E	340	2 C	77.9S	140.8E	341	2 C	77.5S	141.5E	340	2 C	77.1S	142.2E	339	2 D
OCT 30 68	76.6S	143.0E	336	3 D	76.2S	144.0E	333	3 D	75.7S	145.2E	329	3 D	75.1S	146.5E	324	3 D
OCT 31 68	74.6S	148.2E	320	4 D	74.0S	150.1E	315	4 D	73.4S	152.4E	311	5 D	72.8S	155.1E	307	5 D
NOV 1 68	72.2S	158.2E	303	6 D	71.5S	161.7E	299	7 D	70.8S	165.8E	296	8 D	70.1S	170.5E	293	9 D
NOV 2 68	69.3S	175.8E	291	11 D	68.6S	178.3W	289	13 D	67.8S	171.6W	287	14 D	66.9S	164.3W	286	16 D
NOV 3 68	66.1S	156.4W	284	18 D	65.2S	147.8W	283	20 C	64.4S	138.3W	282	23 C	63.4S	127.6W	281	26 C
NOV 4 68	62.4S	115.6W	280	31 B	61.4S	102.1W	279	35 B	60.3S	87.8W	278	37 A	59.3S	73.4W	278	38 A
NOV 5 68	58.4S	59.8W	277	35 A	57.7S	47.6W	276	31 B	57.1S	37.9W	275	23 A	56.9S	31.3W	270	13 A
NOV 6 68	57.1S	28.9W	184	2 B	57.7S	31.1W	109	12 B	58.6S	36.7W	103	19 C	59.4S	44.3W	100	21 C
NOV 7 68	59.9S	52.3W	95	20 C	60.0S	59.2W	89	15 C	59.8S	63.5W	81	7 C	59.7S	63.9W	275	5 C
NOV 8 68	59.8S	58.8W	266	21 B	60.3S	47.6W	264	36 A	61.1S	31.5W	264	44 A	62.1S	12.7W	264	47 A
NOV 9 68	63.0S	6.8E	264	45 B	63.8S	25.0E	265	39 A	64.2S	40.7E	269	31 A	63.9S	52.7E	279	22 B
NOV 10 68	62.8S	59.7E	310	13 B	60.8S	61.1E	8	12 C	58.3S	59.1E	31	15 C	56.0S	56.2E	34	13 B
NOV 11 68	54.4S	55.0E	340	5 A	54.0S	57.6E	267	13 A	54.6S	63.2E	257	20 A	55.7S	70.4E	254	23 B
NOV 12 68	56.9S	77.9E	253	21 A	58.0S	84.4E	252	16 A	58.8S	89.2E	249	11 A	59.5S	91.7E	228	4 B
NOV 13 68	60.0S	91.5E	116	5 A	60.3S	88.3E	96	11 A	60.4S	83.3E	87	14 A	60.0S	78.2E	75	13 B
NOV 14 68	59.1S	74.4E	45	10 A	57.4S	73.2E	359	10 A	55.3S	74.3E	331	13 A	53.1S	77.2E	315	16 B
NOV 15 68	51.1S	81.4E	302	18 A	49.5S	86.3E	291	19 A	48.5S	91.7E	282	19 A	48.0S	97.3E	273	19 B
NOV 16 68	48.1S	102.8E	265	19 B	48.7S	108.2E	257	19 C	49.6S	113.5E	254	19 C	50.6S	119.1E	254	20 C
NOV 17 68	51.6S	125.3E	258	21 C	52.3S	132.1E	264	23 B	52.4S	139.9E	272	26 B	51.9S	148.7E	279	30 A
NOV 18 68	50.5S	158.6E	285	36 A	48.3S	169.6E	289	40 A	45.8S	179.8W	288	38 B	44.0S	170.9W	284	29 A
NOV 19 68	43.5S	165.3W	259	13 A	44.9S	163.9W	175	12 A	47.9S	165.1W	162	18 B	51.5S	166.5W	173	19 A
NOV 20 68	55.1S	165.8W	204	19 A	58.0S	161.3W	234	21 A	59.7S	154.2W	255	21 B	60.0S	146.2W	278	20 A
NOV 21 68	58.5S	139.2W	309	21 A	55.0S	134.4W	331	24 A	50.8S	131.1W	337	24 B	47.0S	128.2W	326	19 A
NOV 22 68	45.0S	124.6W	283	17 A	45.6S	119.2W	248	24 B	48.1S	112.1W	239	32 A	51.5S	103.4W	240	35 A
NOV 23 68	54.6S	93.4W	248	34 A	56.4S	82.3W	259	33 B	57.2S	70.6W	267	33 A	57.1S	59.0W	273	32 A
NOV 24 68	56.6S	48.1W	277	30 A	55.8S	38.4W	278	26 B	55.2S	30.1W	275	23 A	55.1S	23.2W	267	18 A
NOV 25 68	55.8S	17.6W	247	15 B	57.4S	13.5W	223	14 A	59.7S	10.6W	207	14 A	62.1S	8.5W	199	13 A
NOV 26 68	64.3S	6.9W	198	10 B	65.8S	5.6W	201	7 A	66.9S	4.5W	203	5 A	67.7S	3.7W	200	4 A
NOV 27 68	68.4S	3.2W	191	4 B	69.2S	2.8W	186	5 A	70.2S	2.5W	187	5 A	71.3S	2.0W	193	6 A
NOV 28 68	72.3S	.9W	203	6 B	73.4S	1.0E	211	6 B	74.4S	3.5E	217	7 C	75.4S	6.7E	221	7 C
NOV 29 68	76.4S	10.4E	222	7 C	77.5S	14.5E	223	7 D	78.5S	19.1E	223	7 D	79.5S	24.1E	223	7 D
NOV 30 68	80.5S	29.4E	223	7 D	81.5S	35.2E	222	7 D	82.4S	41.3E	221	6 D	83.3S	47.7E	220	6 D
DEC 1 68	84.2S	54.4E	218	6 D	85.1S	61.4E	215	5 D	85.9S	68.6E	213	5 D	86.7S	76.0E	212	4 D
DEC 2 68	87.3S	83.6E	211	4 D	87.9S	91.4E	211	3 D	88.3S	99.3E	213	2 D	88.6S	107.2E	216	2 D
DEC 3 68	88.8S	115.3E	223	1 D	89.0S	123.4E	238	1 D	89.0S	131.5E	258	1 D	89.0S	139.5E	276	1 D
DEC 4 68	89.0S	147.6E	285	1 D	89.0S	155.6E	291	1 D	88.9S	163.4E	299	1 D	88.8S	171.2E	306	1 D
DEC 5 68	88.6S	178.8E	312	1 D	88.5S	173.8W	317	1 D	88.2S	166.6W	320	2 D	87.9S	159.6W	323	2 C
DEC 6 68	87.6S	152.9W	324	2 C	87.1S	146.5W	327	3 C	86.6S	140.3W	331	4 B	85.8S	134.6W	335	5 B
DEC 7 68	84.9S	129.2W	338	6 A	83.6S	124.2W	339	8 B	82.1S	119.7W	340	9 B	80.4S	115.6W	340	10 A
DEC 8 68	78.6S	112.0W	340	10 A	76.8S	108.8W	340	10 B	74.9S	106.0W	341	10 B	72.9S	103.7W	342	11 C
DEC 9 68	71.0S	101.7W	343	10 C	69.1S	99.9W	343	10 C	67.1S	98.4W	344	10 D	65.3S	97.2W	344	10 D
DEC 10 68	63.5S	96.0W	344	9 D	61.9S	95.0W	344	9 D	60.4S	94.1W	343	8 D	58.9S	93.2W	342	7 D
DEC 11 68	57.7S	92.3W	339	7 D	56.5S	91.4W	334	6 C	55.6S	90.4W	323	5 C	54.9S	89.2W	302	5 C

RELIABILITY INDEX, R, RANGES FROM A (GOOD) TO D (POOR)



## 200MB GHOST BALLOON 149Z

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
DEC 12 68	54.7S	87.8W	273	5 B	54.8S	86.0W	254	6 B	55.2S	84.0W	250	6 A	55.6S	81.9W	254	6 A
DEC 13 68	55.8S	79.8W	269	6 A	55.6S	77.7W	288	7 B	55.0S	75.3W	296	9 A	54.1S	72.2W	296	12 A
DEC 14 68	52.9S	67.8W	293	17 A	51.5S	61.9W	289	23 B	50.1S	54.3W	284	29 A	48.9S	45.0W	278	35 A
DEC 15 68	48.2S	34.1W	273	41 A	48.1S	21.5W	269	45 A	48.6S	8.0W	265	47 A	49.6S	5.8E	263	46 A
DEC 16 68	50.9S	19.1E	260	42 A	52.3S	31.2E	258	37 A	53.7S	42.0E	259	33 A	54.6S	52.9E	264	31 B
DEC 17 68	54.8S	62.9E	273	29 A	54.1S	72.6E	280	30 A	53.1S	82.1E	280	30 B	52.3S	91.5E	274	29 B
DEC 18 68	52.6S	100.6E	260	29 A	54.3S	109.6E	247	29 A	56.8S	118.6E	241	29 B	59.4S	127.6E	243	27 A
DEC 19 68	61.3S	136.7E	255	24 A	61.8S	146.0E	269	22 A	61.6S	154.6E	276	20 B	61.3S	161.6E	271	14 B
DEC 20 68	61.7S	166.0E	234	8 A	63.3S	167.2E	179	11 A	65.6S	166.3E	166	14 B	68.2S	164.5E	165	13 A
DEC 21 68	70.4S	163.3E	173	9 A	71.6S	163.5E	201	5 A	72.1S	165.2E	260	4 B	72.0S	168.1E	291	6 B
DEC 22 68	71.4S	171.6E	299	7 C	70.7S	175.6E	299	8 B	70.0S	179.5E	292	7 B	69.7S	177.1W	270	5 A
DEC 23 68	70.1S	174.7W	217	5 A	71.3S	173.5W	189	8 A	73.0S	173.0W	183	9 B	74.7S	172.6W	186	8 B
DEC 24 68	75.8S	171.6W	207	4 C	76.1S	169.5W	287	3 C	75.5S	166.4W	320	7 C	74.1S	162.8W	329	10 C
DEC 25 68	72.1S	159.2W	334	13 C	69.5S	155.7W	338	15 B	66.5S	152.8W	342	17 B	63.1S	150.5W	347	19 A
DEC 26 68	59.4S	149.1W	354	20 A	55.5S	148.8W	0	21 B	51.5S	149.0W	4	20 B	47.8S	149.4W	3	18 A
DEC 27 68	44.5S	149.5W	356	16 A	41.8S	148.8W	342	13 B	39.7S	147.4W	323	12 B	38.2S	145.3W	303	12 C
DEC 28 68	37.2S	142.6W	288	13 C	36.6S	139.4W	276	14 C	36.5S	135.7W	268	16 D	36.9S	131.6W	262	18 D
DEC 29 68	37.5S	127.2W	257	20 D	38.5S	122.3W	253	21 D	39.9S	117.2W	250	22 D	41.5S	111.8W	247	23 D
DEC 30 68	43.3S	106.2W	245	23 D	45.3S	100.4W	243	24 D	47.5S	94.6W	241	24 D	49.8S	88.7W	238	23 D
DEC 31 68	52.2S	82.7W	236	22 D	54.7S	76.8W	234	22 D	57.2S	71.0W	231	21 D	59.6S	65.3W	229	19 D
JAN 1 69	62.1S	59.8W	227	18 C	64.4S	54.5W	224	16 C	66.6S	49.5W	222	15 C	68.7S	44.8W	220	13 C
JAN 2 69	70.6S	40.5W	217	12 B	72.3S	36.6W	216	10 A	73.7S	33.1W	215	8 A	74.8S	30.2W	217	6 A
JAN 3 69	75.5S	27.8W	224	4 B	75.9S	25.9W	249	2 B	75.8S	24.7W	318	2 A	75.4S	24.0W	351	3 B
JAN 4 69	74.5S	23.9W	2	5 B	73.4S	24.2W	7	7 A	71.9S	24.9W	9	8 A	70.2S	25.8W	11	9 A
JAN 5 69	68.4S	26.8W	11	10 B	66.5S	27.7W	9	10 B	64.7S	28.2W	2	9 C	63.0S	28.0W	349	9 C
JAN 6 69	61.3S	26.7W	329	9 B	59.9S	24.1W	310	11 A	58.7S	20.3W	296	13 A	57.8S	15.4W	285	15 A
JAN 7 69	57.1S	9.7W	278	17 B	56.8S	3.1W	272	19 B	56.8S	4.1E	269	21 A	56.9S	12.0E	268	23 A
JAN 8 69	57.1S	20.5E	268	25 B	57.2S	29.6E	269	26 A	57.2S	39.1E	271	27 A	56.9S	49.0E	274	29 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 150Q

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
JUN 21 68	42.4S	164.4E	241	14 A	43.7S	168.1E	250	14 A	44.4S	171.7E	260	14 B	44.6S	175.5E	269	14 A
JUN 22 68	44.5S	179.7E	275	17 A	44.1S	175.5W	277	20 A	43.6S	169.7W	277	24 B	43.0S	162.7W	275	29 A
JUN 23 68	42.6S	154.3W	273	35 A	42.3S	144.3W	272	41 B	42.2S	133.0W	270	45 B	42.2S	120.6W	269	49 C
JUN 24 68	42.4S	107.6W	269	50 C	42.7S	94.3W	268	50 C	43.1S	81.3W	267	48 C	43.6S	69.0W	266	43 C
JUN 25 68	44.2S	58.2W	265	37 B	44.8S	49.1W	264	30 B	45.5S	41.6W	263	25 A	46.1S	35.5W	262	20 A
JUN 26 68	46.6S	30.4W	262	17 B	46.9S	25.9W	265	15 B	47.1S	21.5W	268	16 A	47.1S	16.3W	271	20 A
JUN 27 68	47.0S	9.8W	273	26 B	46.6S	1.3W	274	33 B	46.2S	8.7E	274	38 C	45.7S	19.9E	273	41 B
JUN 28 68	45.4S	31.6E	272	43 B	45.3S	43.5E	270	43 A	45.3S	55.5E	269	43 A	45.5S	67.5E	268	43 B
JUN 29 68	45.8S	79.4E	267	43 B	46.2S	91.2E	267	42 C	46.6S	102.9E	267	41 C	47.0S	114.4E	268	40 C
JUN 30 68	47.2S	125.9E	270	40 C	47.1S	137.1E	272	39 C	46.7S	148.2E	274	39 B	45.9S	159.1E	278	39 A
JUL 1 68	44.6S	170.0E	281	40 A	42.8S	179.2W	284	41 A	40.9S	168.9W	284	41 B	39.1S	159.1W	282	38 A
JUL 2 68	38.0S	150.2W	276	34 A	37.7S	142.6W	269	28 B	38.2S	136.4W	261	22 B	39.0S	131.9W	251	15 A
JUL 3 68	39.9S	129.5W	229	7 A	40.7S	128.9W	184	4 B	41.3S	128.7W	231	4 B	41.6S	126.8W	268	13 A
JUL 4 68	41.5S	121.5W	273	30 A	40.9S	111.2W	274	48 B	40.2S	97.4W	274	59 A	39.3S	82.0W	274	62 A
JUL 5 68	38.5S	67.0W	273	57 A	38.0S	53.9W	273	49 B	37.7S	43.0W	272	40 A	37.5S	34.4W	272	31 A
JUL 6 68	37.3S	27.9W	272	22 B	37.1S	23.3W	272	16 B	37.1S	19.6W	267	15 A	37.5S	15.5W	260	20 A
JUL 7 68	38.5S	9.7W	256	29 B	40.2S	1.3W	256	39 A	42.2S	9.5E	257	46 A	44.1S	22.2E	260	50 A
JUL 8 68	45.4S	36.2E	265	53 B	45.9S	51.0E	270	54 A	45.7S	66.2E	272	54 A	45.1S	81.1E	273	53 B
JUL 9 68	44.6S	95.3E	272	50 A	44.4S	108.4E	270	47 A	44.5S	120.9E	269	46 B	44.7S	133.5E	268	47 B
JUL 10 68	44.9S	146.9E	269	51 A	45.1S	161.4E	269	53 A	45.2S	175.9E	270	51 B	45.0S	171.2W	272	43 A
JUL 11 68	44.5S	161.2W	277	29 A	43.7S	155.1W	286	18 A	42.8S	151.4W	292	13 B	42.0S	148.1W	283	15 A
JUL 12 68	41.5S	143.1W	272	25 A	41.6S	134.9W	267	37 B	42.1S	124.5W	266	42 B	42.7S	113.4W	266	41 A
JUL 13 68	43.1S	103.4W	267	34 A	43.3S	95.5W	270	27 B	43.2S	88.8W	273	25 A	42.9S	81.9W	274	28 A
JUL 14 68	42.4S	73.4W	274	37 A	42.0S	62.6W	273	45 B	41.5S	50.8W	273	45 A	40.9S	40.0W	275	38 A
JUL 15 68	40.3S	32.1W	278	23 B	39.6S	28.5W	298	8 B	38.9S	28.2W	39	5 A	38.1S	29.5W	61	8 A
JUL 16 68	37.4S	31.0W	50	6 B	36.8S	31.4W	322	3 B	36.5S	30.0W	271	10 A	36.8S	26.7W	258	18 A
JUL 17 68	38.0S	21.2W	251	29 B	40.3S	13.3W	249	37 A	43.1S	3.6W	250	42 A	45.7S	7.5E	254	44 A
JUL 18 68	47.6S	19.6E	262	43 B	48.1S	32.0E	270	43 A	47.6S	44.6E	277	44 A	46.3S	57.1E	280	44 B
JUL 19 68	44.6S	69.1E	282	44 A	42.8S	80.6E	282	43 A	41.3S	91.8E	279	44 A	40.3S	103.0E	275	45 B
JUL 20 68	40.0S	114.6E	269	47 B	40.6S	126.8E	264	49 C	41.8S	139.1E	262	47 B	42.9S	151.1E	264	44 B
JUL 21 68	43.5S	162.1E	269	39 A	43.1S	171.8E	276	35 A	42.3S	179.4W	279	33 B	41.4S	171.0W	276	33 A
JUL 22 68	41.1S	162.4W	268	34 A	41.8S	153.2W	261	38 A	43.2S	143.0W	258	41 B	44.9S	131.8W	259	44 C
JUL 23 68	46.4S	119.2W	261	48 C	47.5S	105.3W	265	50 B	48.1S	90.9W	269	50 A	48.0S	76.7W	273	47 A
JUL 24 68	47.1S	63.8W	278	42 A	45.6S	53.0W	285	36 B	43.8S	44.9W	292	26 A	42.0S	40.1W	307	14 A
JUL 25 68	40.7S	39.4W	51	7 B	40.3S	42.5W	90	17 B	40.7S	46.9W	103	16 A	41.6S	49.2W	172	6 A
JUL 26 68	43.0S	46.3W	252	27 B	44.7S	35.7W	260	51 A	46.2S	19.8W	263	62 A	47.3S	2.0W	266	62 A
JUL 27 68	47.6S	14.4E	272	51 B	46.8S	27.0E	278	39 A	45.6S	36.9E	281	33 A	44.6S	45.9E	276	34 B
JUL 28 68	44.5S	56.2E	266	42 B	45.8S	69.1E	260	52 A	47.7S	84.2E	259	56 A	49.4S	100.4E	263	55 B
JUL 29 68	49.8S	116.6E	273	53 A	48.4S	131.9E	283	51 A	45.6S	145.4E	290	47 B	42.2S	156.3E	296	40 A
JUL 30 68	39.2S	163.9E	300	26 A	37.2S	167.6E	312	12 A	36.1S	168.6E	2	4 B	35.5S	168.0E	66	4 A
JUL 31 68	35.3S	167.2E	70	2 A	35.2S	167.2E	281	2 A	35.2S	167.9E	266	3 B	35.3S	168.7E	251	3 A
AUG 1 68	35.6S	169.3E	205	2 A	36.1S	169.1E	149	4 A	36.8S	168.4E	131	5 B	37.4S	167.3E	121	6 A
AUG 2 68	37.9S	166.0E	111	6 A	38.2S	164.5E	98	6 A	38.2S	163.1E	78	5 B	37.8S	162.0E	47	5 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 156U

	00 GMT			MPS R	06 GMT			MPS R	12 GMT			MPS R	18 GMT			MPS R
OCT 12 68	71.2S	169.0W	234	23 A	73.6S	158.0W	233	19 A	75.6S	147.7W	234	16 B	77.2S	138.1W	236	13 B
OCT 13 68	78.4S	129.0W	240	10 C	79.3S	120.5W	247	9 C	79.7S	112.5W	256	7 C	79.9S	105.0W	268	7 D
OCT 14 68	79.8S	98.0W	281	6 D	79.5S	91.5W	292	6 D	78.9S	85.3W	300	7 D	78.2S	79.3W	306	8 D
OCT 15 68	77.2S	73.6W	309	8 D	76.1S	68.0W	311	9 D	75.0S	62.6W	312	9 D	73.7S	57.5W	314	10 D
OCT 16 68	72.4S	52.9W	315	10 D	71.0S	48.7W	315	10 D	69.7S	44.5W	312	10 D	68.3S	39.9W	305	12 D
OCT 17 68	67.1S	34.3W	297	14 C	65.9S	27.6W	291	16 C	64.8S	20.6W	290	15 C	63.9S	14.8W	293	12 B
OCT 18 68	63.0S	11.3W	311	6 B	62.4S	10.7W	7	3 A	62.1S	10.5W	273	2 A	62.4S	7.7W	254	13 B
OCT 19 68	63.5S	.9E	254	30 B	65.6S	17.4E	254	44 A	68.2S	39.6E	253	48 A	71.0S	64.4E	251	44 B
OCT 20 68	73.6S	88.5E	250	35 A	75.5S	109.2E	252	25 A	76.5S	125.2E	261	16 B	76.4S	135.5E	294	10 B
OCT 21 68	74.9S	139.3E	359	11 C	72.0S	136.3E	27	20 C	68.1S	129.1E	35	27 B	63.6S	121.1E	35	29 B
OCT 22 68	59.1S	115.6E	20	24 A	55.0S	115.2E	342	20 A	52.0S	119.2E	302	21 B	50.8S	126.2E	272	26 B
OCT 23 68	51.9S	134.7E	245	31 C	55.7S	143.7E	226	36 B	61.3S	153.1E	218	39 B	67.2S	163.3E	216	37 A
OCT 24 68	72.3S	174.7E	221	29 A	75.6S	172.5W	236	21 B	77.0S	158.7W	258	17 B	77.1S	144.2W	279	17 C
OCT 25 68	76.1S	129.6W	292	19 B	74.4S	115.2W	296	22 B	72.4S	101.1W	297	24 A	70.3S	87.5W	294	25 A
OCT 26 68	68.5S	74.5W	289	26 A	67.1S	61.9W	283	25 A	66.3S	49.5W	277	26 A	66.0S	36.9W	271	27 A
OCT 27 68	66.0S	23.5W	267	29 B	66.5S	9.3W	264	30 B	67.1S	5.4E	263	30 C	67.8S	20.1E	264	28 B
OCT 28 68	68.2S	34.1E	267	26 B	68.3S	47.1E	271	23 A	68.1S	58.8E	276	22 A	67.5S	69.4E	281	20 B
OCT 29 68	66.6S	78.8E	287	19 B	65.4S	87.1E	292	18 C	64.0S	94.3E	296	17 C	62.5S	100.7E	299	16 C
OCT 30 68	61.0S	106.4E	299	15 D	59.6S	111.4E	298	14 D	58.4S	116.0E	294	13 C	57.5S	120.3E	287	12 C
OCT 31 68	57.1S	124.4E	276	11 C	57.1S	128.4E	264	11 C	57.5S	132.4E	253	12 C	58.4S	136.5E	246	13 C
NOV 1 68	59.5S	141.0E	240	14 C	61.0S	145.9E	237	15 B	62.7S	151.4E	236	16 B	64.5S	157.5E	237	17 A
NOV 2 68	66.4S	164.5E	238	18 A	68.3S	172.4E	239	18 A	70.0S	179.3W	241	17 B	71.5S	170.9W	243	15 A
NOV 3 68	72.6S	163.0W	248	12 A	73.3S	155.9W	255	10 A	73.7S	149.6W	264	9 B	73.7S	144.0W	273	8 B
NOV 4 68	73.6S	138.9W	280	7 C	73.3S	134.1W	284	7 C	72.9S	129.6W	285	7 C	72.6S	125.2W	283	7 C
NOV 5 68	72.3S	120.8W	279	7 C	72.2S	116.2W	275	7 C	72.1S	111.4W	273	8 C	72.0S	106.0W	274	9 C
NOV 6 68	71.8S	99.9W	276	10 B	71.5S	93.0W	278	12 B	71.2S	85.2W	280	14 A	70.6S	76.6W	282	16 A
NOV 7 68	69.8S	67.2W	284	18 A	68.9S	57.2W	286	20 B	67.7S	46.8W	287	21 A	66.5S	36.4W	288	22 A
NOV 8 68	65.0S	26.4W	290	22 B	63.5S	17.1W	291	22 A	62.0S	8.4W	292	22 A	60.4S	.3W	292	22 B
NOV 9 68	58.8S	7.4E	291	21 B	57.4S	14.6E	290	21 C	56.1S	21.4E	289	19 C	55.0S	27.3E	286	17 B
NOV 10 68	54.3S	32.2E	282	13 B	53.9S	36.1E	275	11 A	53.9S	39.7E	267	12 A	54.1S	44.1E	264	15 B
NOV 11 68	54.5S	50.2E	264	22 A	55.1S	58.7E	264	29 A	55.7S	69.5E	264	34 A	56.5S	82.1E	264	38 B
NOV 12 68	57.4S	96.1E	263	41 B	58.5S	110.8E	261	40 C	59.9S	124.6E	255	34 B	61.9S	135.8E	242	25 B
NOV 13 68	64.6S	142.4E	208	18 A	68.0S	143.5E	174	19 A	71.8S	141.1E	166	20 B	75.4S	138.2E	171	18 A
NOV 14 68	78.4S	137.7E	188	13 A	80.3S	141.7E	217	9 A	81.3S	149.5E	244	8 B	81.7S	159.5E	259	8 B
NOV 15 68	82.0S	170.1E	262	8 C	82.2S	179.8W	258	7 C	82.5S	170.3W	257	6 C	82.8S	161.1W	257	6 D
NOV 16 68	83.0S	152.1W	261	6 D	83.1S	143.1W	265	6 D	83.2S	134.0W	270	6 D	83.1S	124.8W	274	6 D
NOV 17 68	83.0S	115.6W	277	6 D	82.8S	106.4W	280	6 D	82.6S	97.2W	283	6 D	82.3S	87.9W	284	7 D
NOV 18 68	82.0S	78.7W	286	7 D	81.6S	69.4W	287	7 D	81.2S	60.2W	287	8 D	80.7S	51.0W	288	8 D
NOV 19 68	80.2S	41.7W	288	9 D	79.7S	32.5W	288	9 D	79.1S	23.2W	288	9 D	78.5S	14.0W	288	10 D
NOV 20 68	77.9S	4.8W	288	10 D	77.3S	4.4E	287	11 D	76.7S	13.6E	287	11 D	76.0S	22.9E	286	12 D
NOV 21 68	75.4S	32.2E	285	13 D	74.8S	41.5E	284	13 D	74.1S	50.9E	284	14 D	73.5S	60.2E	283	14 D
NOV 22 68	72.9S	69.2E	283	14 D	72.3S	77.9E	282	14 D	71.7S	86.7E	281	15 C	71.2S	95.8E	280	16 C
NOV 23 68	70.7S	105.6E	279	18 C	70.2S	116.2E	278	19 B	69.7S	126.8E	277	18 B	69.3S	136.4E	277	16 A
NOV 24 68	69.0S	143.7E	277	11 A	68.7S	148.2E	282	6 A	68.4S	150.6E	303	4 B	67.9S	151.7E	332	4 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 156U

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
NOV 25 68	67.1S	152.8E	335	6 A	65.8S	154.5E	328	8 A	64.5S	156.9E	316	9 B	63.5S	159.8E	294	8 A
NOV 26 68	63.4S	163.1E	255	8 A	64.3S	166.7E	226	11 A	66.3S	170.3E	213	14 B	68.8S	173.8E	205	15 A
NOV 27 68	71.6S	177.2E	199	16 A	74.4S	179.7W	198	15 A	76.9S	176.2W	201	13 B	79.0S	171.5W	210	11 A
NOV 28 68	80.5S	164.9W	232	8 A	81.1S	155.9W	262	8 A	81.0S	145.3W	283	9 B	80.4S	134.2W	293	10 A
NOV 29 68	79.4S	123.7W	299	11 A	78.4S	114.6W	303	10 B	77.2S	106.8W	307	11 B	75.9S	99.6W	309	11 C
NOV 30 68	74.5S	92.7W	308	12 B	73.0S	85.6W	306	13 B	71.5S	78.4W	303	14 A	70.0S	70.9W	298	15 A
DEC 1 68	68.8S	63.1W	291	16 B	67.8S	55.1W	285	16 A	67.2S	47.3W	279	15 A	66.9S	40.0W	273	14 A
DEC 2 68	66.9S	33.5W	264	12 B	67.4S	28.3W	251	10 A	68.1S	24.0W	239	9 A	69.0S	20.5W	229	8 A
DEC 3 68	70.1S	17.4W	224	8 B	71.2S	14.4W	222	7 C	72.2S	11.4W	221	8 C	73.4S	8.1W	220	8 C
DEC 4 68	74.6S	4.4W	220	8 C	75.8S	.1W	225	8 C	76.7S	4.7E	247	7 C	76.6S	10.0E	297	7 B
DEC 5 68	75.2S	15.7E	327	14 B	72.2S	21.7E	333	21 A	68.3S	27.9E	330	24 A	64.3S	34.3E	323	24 B
DEC 6 68	61.3S	40.7E	306	20 B	59.9S	47.3E	280	17 A	60.0S	53.8E	257	17 A	61.3S	60.3E	241	18 B
DEC 7 68	63.4S	66.7E	231	19 A	65.9S	73.1E	224	19 A	68.5S	79.3E	220	18 A	71.1S	85.5E	218	16 B
DEC 8 68	73.4S	91.6E	220	14 C	75.3S	97.6E	224	11 C	76.7S	103.6E	227	10 C	77.9S	109.5E	228	9 C
DEC 9 68	79.0S	115.3E	225	8 D	80.1S	121.0E	221	8 D	81.2S	126.7E	218	7 D	82.3S	132.4E	216	7 D
DEC 10 68	83.2S	137.9E	217	6 D	84.0S	143.4E	218	5 D	84.7S	148.9E	221	4 D	85.2S	154.3E	223	3 D
DEC 11 68	85.6S	159.7E	226	3 D	86.0S	165.0E	229	3 D	86.3S	170.3E	234	2 D	86.5S	175.5E	242	2 D
DEC 12 68	86.6S	179.3W	255	2 D	86.7S	174.2W	270	2 D	86.6S	169.1W	285	2 D	86.5S	164.1W	296	2 D
DEC 13 68	86.3S	159.0W	304	2 D	86.1S	154.0W	309	2 D	85.8S	149.1W	313	3 D	85.4S	144.1W	315	3 D
DEC 14 68	85.0S	139.2W	316	3 D	84.5S	134.3W	317	4 D	84.0S	129.5W	317	4 D	83.4S	124.6W	317	4 D
DEC 15 68	82.8S	119.8W	316	4 D	82.2S	115.0W	315	5 D	81.5S	110.2W	314	5 D	80.8S	105.4W	313	5 D
DEC 16 68	80.1S	100.6W	312	6 C	79.3S	95.9W	311	6 C	78.5S	91.1W	310	6 C	77.7S	86.3W	309	7 D
DEC 17 68	76.9S	81.6W	307	7 D	76.1S	76.8W	306	7 D	75.2S	72.0W	305	8 D	74.4S	67.3W	303	8 D
DEC 18 68	73.6S	62.5W	301	8 D	72.7S	57.8W	300	8 D	71.9S	53.0W	299	9 D	71.1S	48.2W	298	9 D
DEC 19 68	70.3S	43.4W	297	10 D	69.5S	38.4W	296	10 D	68.6S	33.5W	294	10 C	67.8S	28.6W	292	10 C
DEC 20 68	67.1S	23.9W	290	10 C	66.6S	19.4W	286	10 C	66.1S	14.8W	282	10 C	65.7S	9.8W	278	11 C
DEC 21 68	65.5S	4.1W	274	13 C	65.4S	2.6E	272	15 D	65.3S	9.8E	271	16 D	65.3S	17.2E	270	16 D
DEC 22 68	65.3S	24.4E	270	15 D	65.3S	30.9E	270	13 D	65.3S	36.9E	270	13 D	65.3S	42.6E	269	12 D
DEC 23 68	65.4S	48.3E	267	12 D	65.5S	54.1E	266	13 D	65.7S	60.0E	267	13 D	65.8S	66.0E	270	13 D
DEC 24 68	65.7S	71.9E	274	13 D	65.4S	77.7E	278	13 D	65.1S	83.5E	277	12 D	64.9S	89.1E	271	12 D
DEC 25 68	65.1S	94.7E	260	12 D	65.8S	100.2E	249	12 D	66.7S	105.6E	245	12 D	67.7S	110.9E	247	11 D
DEC 26 68	68.4S	116.1E	256	10 D	68.6S	121.2E	269	9 D	68.5S	126.2E	278	9 D	68.1S	131.0E	283	9 D
DEC 27 68	67.7S	135.6E	282	9 D	67.4S	140.1E	280	9 D	67.1S	144.5E	279	9 D	66.8S	148.6E	280	8 C
DEC 28 68	66.5S	152.6E	282	8 C	66.1S	156.4E	285	8 C	65.7S	160.0E	289	8 B	65.2S	163.3E	292	8 B
DEC 29 68	64.6S	166.5E	295	7 A	64.0S	169.6E	289	8 A	63.7S	173.4E	273	11 B	63.9S	179.2E	259	16 A
DEC 30 68	65.0S	172.2W	250	24 A	67.1S	160.1W	245	30 A	69.7S	145.8W	242	30 B	72.3S	131.1W	242	25 A
DEC 31 68	74.2S	118.0W	247	18 A	74.9S	107.6W	268	12 B	74.4S	100.1W	304	11 B	72.6S	94.7W	331	14 A
JAN 1 69	69.6S	91.2W	344	19 A	65.6S	88.7W	348	23 B	61.1S	86.2W	343	24 A	56.8S	82.5W	326	24 A
JAN 2 69	53.5S	76.2W	298	28 B	51.7S	66.4W	278	37 B	51.3S	53.6W	269	45 A	52.0S	38.6E	263	50 A
JAN 3 69	53.5S	22.3W	260	52 B	55.4S	5.5W	258	51 B	57.7S	11.3E	255	47 C	60.0S	27.2E	253	41 B
JAN 4 69	62.2S	41.8E	252	35 B	64.1S	54.6E	251	28 A	65.6S	65.7E	253	23 A	66.7S	75.5E	258	19 B
JAN 5 69	67.2S	84.5E	266	17 A	67.2S	92.9E	275	17 A	66.7S	101.1E	280	17 A	66.1S	109.2E	280	17 B
JAN 6 69	65.7S	117.5E	275	18 B	65.6S	126.2E	268	19 A	66.0S	135.1E	259	19 B	67.1S	144.1E	247	20 A
JAN 7 69	69.0S	153.0E	233	21 A	71.9S	161.8E	221	21 A	75.2S	170.4E	213	21 B	78.5S	179.0E	208	19 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 156U

		00 GMT				06 GMT				12 GMT				18 GMT							
				MPS	R			MPS	R			MPS	R			MPS	R				
JAN	8 69	81.4S	172.4W	208	14	A	83.3S	163.8W	213	9	A	84.5S	155.2W	226	6	B	85.0S	146.5W	253	4	B
JAN	9 69	85.0S	137.9W	283	4	A	84.7S	129.4W	302	5	A	84.1S	121.0W	312	6	B	83.2S	112.7W	317	7	C
JAN	10 69	82.0S	104.4W	318	9	C	80.6S	96.2W	320	11	C	78.9S	88.3W	321	12	C	76.8S	80.8W	323	14	C
JAN	11 69	74.4S	73.9W	326	16	B	71.7S	67.7W	327	18	B	68.7S	61.7W	324	19	A	65.7S	55.3W	317	21	A
JAN	12 69	62.8S	47.9W	306	24	A	60.3S	39.1W	296	27	A	58.2S	28.9W	288	30	A	56.7S	17.8W	281	33	A
JAN	13 69	55.9S	6.1W	274	34	B	55.8S	5.9E	268	35	A	56.3S	17.7E	264	33	A	57.1S	28.9E	261	30	A
JAN	14 69	58.1S	39.1E	259	26	B	59.0S	47.9E	258	22	B	59.9S	55.8E	257	20	C	60.7S	63.4E	256	19	C
JAN	15 69	61.7S	71.0E	256	20	C	62.7S	79.3E	255	21	D	63.8S	88.0E	254	21	D	64.9S	96.9E	253	20	D
JAN	16 69	66.1S	105.8E	252	19	D	67.2S	114.5E	250	18	D	68.4S	123.0E	249	17	D	69.6S	131.4E	248	16	D
JAN	17 69	70.8S	139.9E	246	16	D	72.0S	148.4E	245	15	D	73.2S	156.9E	244	14	D	74.4S	165.5E	243	13	D
JAN	18 69	75.6S	174.1E	241	12	D	76.8S	177.4W	240	12	D	77.9S	168.8W	238	11	D	79.0S	160.3W	237	10	D
JAN	19 69	80.0S	151.8W	235	9	D	81.0S	143.3W	234	8	D	82.0S	134.7W	232	8	D	82.9S	126.2W	231	7	D
JAN	20 69	83.7S	117.7W	230	6	D	84.4S	109.1W	230	6	D	85.1S	100.6W	229	5	C	85.7S	92.0W	230	4	C
JAN	21 69	86.2S	83.5W	232	4	C	86.6S	75.0W	236	3	C	86.9S	66.5W	242	3	C	87.0S	58.1W	253	2	C
JAN	22 69	87.1S	49.7W	268	2	D	87.1S	41.4W	285	2	D	86.9S	33.2W	298	3	D	86.6S	25.1W	308	3	D
JAN	23 69	86.1S	17.1W	314	4	C	85.6S	9.1W	317	5	C	84.8S	1.4W	320	6	C	83.9S	6.3E	321	7	B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 157L

	00 GMT				06 GMT				12 GMT				18 GMT							
			MPS	R			MPS	R			MPS	R			MPS	R				
OCT 12 68	51.4S	166.1W	281	50	A	49.5S	150.9W	281	51	A	47.7S	135.8W	280	53	B	46.0S	120.8W	279	54	B
OCT 13 68	44.3S	106.0W	279	55	C	42.7S	91.2W	278	56	C	41.2S	76.6W	278	57	C	39.8S	62.0W	277	58	D
OCT 14 68	38.4S	47.6W	277	58	D	37.1S	33.3W	276	59	D	35.9S	19.1W	276	59	D	34.7S	5.0W	276	60	D
OCT 15 68	33.6S	9.0E	275	60	D	32.6S	22.9E	275	60	D	31.6S	36.7E	275	60	D	30.7S	50.4E	274	60	D
OCT 16 68	29.9S	64.0E	274	61	D	29.1S	77.5E	274	61	D	28.4S	90.9E	273	60	D	27.7S	104.2E	273	60	D
OCT 17 68	27.1S	117.3E	273	60	D	26.6S	130.4E	273	60	D	26.1S	143.4E	272	60	D	25.7S	156.3E	272	60	D
OCT 18 68	25.3S	169.1E	272	59	D	24.9S	178.2W	272	59	D	24.7S	165.6W	271	59	D	24.4S	153.1W	271	58	D
OCT 19 68	24.2S	140.7W	271	58	D	24.1S	128.4W	271	58	C	24.0S	116.2W	270	57	C	24.0S	104.0W	270	57	C
OCT 20 68	23.9S	92.0W	270	56	B	24.0S	80.0W	270	56	B	24.1S	68.2W	269	56	A	24.2S	56.4W	269	55	A
OCT 21 68	24.3S	44.7W	269	55	B	24.5S	33.1W	269	54	B	24.8S	21.6W	269	54	C	25.0S	10.2W	268	53	C
OCT 22 68	25.3S	1.1E	268	53	C	25.7S	12.4E	268	52	D	26.0S	23.5E	268	51	D	26.4S	34.6E	268	51	D
OCT 23 68	26.9S	45.6E	267	50	D	27.3S	56.5E	267	50	D	27.8S	67.4E	267	49	D	28.3S	78.1E	267	49	D
OCT 24 68	28.9S	88.8E	267	48	C	29.4S	99.4E	266	47	C	30.0S	109.9E	266	47	C	30.6S	120.3E	266	46	B
OCT 25 68	31.2S	130.7E	266	46	B	31.9S	140.9E	266	45	A	32.6S	151.1E	266	44	A	33.2S	161.3E	265	44	B
OCT 26 68	33.9S	171.3E	265	43	B	34.6S	178.7W	265	42	C	35.4S	168.8W	265	42	C	36.1S	159.0W	265	41	C
OCT 27 68	36.9S	149.2W	264	40	D	37.6S	139.5W	264	40	D	38.4S	129.9W	264	39	D	39.2S	120.3W	264	38	D
OCT 28 68	39.9S	110.9W	264	37	D	40.7S	101.4W	264	37	D	41.5S	92.1W	264	36	D	42.3S	82.8W	263	35	D
OCT 29 68	43.1S	73.6W	263	35	D	43.9S	64.5W	263	34	D	44.7S	55.4W	263	33	D	45.5S	46.4W	263	33	D
OCT 30 68	46.3S	37.4W	263	32	D	47.1S	28.5W	263	31	D	47.9S	19.7W	263	31	D	48.6S	11.0W	262	30	D
OCT 31 68	49.4S	2.2W	262	29	D	50.2S	6.4E	262	29	D	50.9S	15.0E	262	28	D	51.6S	23.5E	262	27	D
NOV 1 68	52.3S	32.0E	262	27	D	53.1S	40.4E	262	26	D	53.7S	48.7E	262	26	D	54.4S	57.0E	262	25	D
NOV 2 68	55.1S	65.3E	262	24	D	55.7S	73.5E	262	24	D	56.3S	81.6E	262	23	D	56.9S	89.7E	262	23	D
NOV 3 68	57.5S	97.7E	263	22	D	58.0S	105.7E	263	22	D	58.6S	113.6E	263	21	D	59.1S	121.5E	263	21	C
NOV 4 68	59.5S	129.3E	263	20	C	60.0S	137.1E	264	20	C	60.4S	144.8E	264	20	B	60.7S	152.5E	264	19	B
NOV 5 68	61.1S	160.1E	265	19	A	61.4S	167.8E	264	19	A	61.9S	175.7E	262	20	B	62.6S	175.7W	258	22	A
NOV 6 68	63.6S	166.1W	254	24	A	65.2S	155.3W	251	26	A	67.0S	143.4W	249	26	B	68.8S	130.9W	249	25	A
NOV 7 68	70.4S	117.9W	252	24	A	71.6S	105.0W	256	22	B	72.5S	91.9W	260	21	B	73.0S	78.8W	264	20	C
NOV 8 68	73.3S	65.6W	268	20	C	73.3S	52.2W	271	20	C	73.1S	38.8W	274	20	B	72.8S	25.3W	276	21	A
NOV 9 68	72.4S	11.7W	277	21	A	71.8S	1.9E	279	22	B	71.1S	15.5E	280	23	B	70.3S	29.2E	280	24	C
NOV 10 68	69.4S	42.9E	281	25	C	68.4S	56.6E	281	26	C	67.4S	70.4E	282	28	D	66.3S	84.1E	282	29	D
NOV 11 68	65.1S	97.8E	282	30	D	63.9S	111.5E	282	32	D	62.6S	125.1E	282	33	D	61.3S	138.8E	281	34	D
NOV 12 68	60.0S	152.3E	281	36	D	58.6S	165.8E	281	37	D	57.2S	179.3E	281	38	D	55.9S	167.4W	280	39	D
NOV 13 68	54.5S	154.1W	280	40	D	53.1S	140.9W	280	41	D	51.8S	127.9W	279	42	D	50.4S	114.9W	279	43	D
NOV 14 68	49.1S	102.1W	279	43	D	47.9S	89.5W	278	44	D	46.7S	76.9W	278	44	D	45.5S	64.5W	277	45	D
NOV 15 68	44.4S	52.3W	277	45	D	43.4S	40.3W	277	45	D	42.4S	28.4W	276	45	D	41.6S	16.8W	275	45	D
NOV 16 68	40.8S	5.3W	275	44	D	40.1S	6.0E	274	44	D	39.6S	17.0E	273	43	D	39.1S	27.8E	273	43	D
NOV 17 68	38.8S	38.3E	272	42	D	38.6S	48.7E	271	41	D	38.5S	58.7E	270	40	D	38.6S	68.5E	269	39	D
NOV 18 68	38.9S	78.0E	267	38	D	39.3S	87.2E	266	36	D	39.9S	96.2E	264	35	D	40.6S	104.8E	263	33	C
NOV 19 68	41.6S	113.1E	260	32	C	42.7S	121.1E	258	30	C	44.0S	128.7E	255	29	B	45.6S	136.0E	252	27	B
NOV 20 68	47.3S	143.0E	248	25	A	49.3S	149.5E	244	24	A	51.5S	155.8E	240	23	B	53.7S	161.9E	238	21	B
NOV 21 68	55.8S	167.8E	237	20	A	57.9S	173.6E	236	19	A	59.9S	179.3E	236	18	B	61.8S	175.0W	235	17	B
NOV 22 68	63.6S	169.4W	235	16	C	65.3S	163.9W	235	15	C	66.9S	158.4W	234	14	C	68.4S	152.9W	234	13	D
NOV 23 68	69.8S	147.6W	234	12	D	71.1S	142.2W	233	11	D	72.3S	137.0W	233	10	D	73.5S	131.8W	232	10	D
NOV 24 68	74.6S	126.6W	232	9	D	75.6S	121.5W	231	8	D	76.6S	116.4W	231	8	D	77.5S	111.4W	230	7	D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 157L

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
NOV 25 68	78.4S	106.4W	230	7 D	79.2S	101.5W	229	6 D	80.0S	96.6W	228	6 D	80.7S	91.7W	227	5 D
NOV 26 68	81.4S	86.9W	226	5 D	82.1S	82.1W	225	5 D	82.7S	77.4W	224	4 D	83.4S	72.7W	222	4 D
NOV 27 68	83.9S	68.0W	221	4 D	84.5S	63.3W	219	4 D	85.0S	58.7W	218	3 D	85.5S	54.1W	217	3 D
NOV 28 68	86.0S	49.5W	215	3 D	86.4S	45.0W	214	3 D	86.8S	40.4W	213	2 D	87.2S	35.9W	212	2 D
NOV 29 68	87.5S	31.4W	211	2 D	87.8S	27.0W	211	2 D	88.1S	22.5W	210	2 D	88.3S	18.0W	211	1 D
NOV 30 68	88.5S	13.6W	212	1 D	88.7S	9.2W	214	1 D	88.8S	4.7W	219	1 D	88.9S	.3W	227	1 D
DEC 1 68	89.0S	4.1E	CALM	D	89.0S	8.5E	CALM	D	89.0S	12.9E	CALM	D	89.0S	17.3E	CALM	D
DEC 2 68	89.0S	21.7E	CALM	D	89.0S	26.2E	CALM	D	89.0S	30.6E	CALM	D	89.0S	35.0E	CALM	D
DEC 3 68	89.0S	39.4E	CALM	D	88.9S	43.9E	CALM	D	88.9S	48.4E	311	1 D	88.8S	52.8E	319	1 D
DEC 4 68	88.7S	57.3E	325	1 D	88.5S	61.8E	328	1 D	88.3S	66.3E	330	1 D	88.0S	70.9E	331	2 D
DEC 5 68	87.7S	75.4E	332	2 D	87.3S	80.0E	332	2 D	86.9S	84.6E	331	3 D	86.4S	89.3E	330	3 D
DEC 6 68	85.9S	93.9E	328	3 D	85.4S	98.6E	326	4 D	84.8S	103.4E	324	4 D	84.2S	108.1E	322	4 D
DEC 7 68	83.5S	112.9E	320	4 D	82.9S	117.7E	318	5 D	82.2S	122.6E	315	5 D	81.5S	127.5E	313	5 D
DEC 8 68	80.9S	132.5E	310	5 D	80.2S	137.5E	308	6 D	79.5S	142.5E	306	6 D	78.9S	147.6E	304	6 D
DEC 9 68	78.2S	152.7E	301	6 D	77.6S	157.9E	299	7 D	77.0S	163.1E	298	7 D	76.3S	168.4E	296	7 D
DEC 10 68	75.7S	173.7E	295	7 D	75.1S	179.1E	293	8 D	74.5S	175.4W	292	8 D	74.0S	169.9W	291	8 D
DEC 11 68	73.4S	164.3W	290	9 D	72.8S	158.7W	289	9 D	72.2S	153.0W	288	9 D	71.7S	147.3W	287	10 D
DEC 12 68	71.1S	141.4W	286	10 D	70.6S	135.5W	286	11 D	70.0S	129.6W	285	11 D	69.5S	123.5W	284	11 D
DEC 13 68	68.9S	117.4W	284	12 D	68.4S	111.2W	283	12 D	67.8S	105.0W	283	13 D	67.3S	98.6W	282	13 D
DEC 14 68	66.8S	92.2W	282	13 D	66.2S	85.7W	281	14 D	65.7S	79.1W	281	14 D	65.2S	72.4W	281	15 D
DEC 15 68	64.6S	65.6W	280	15 C	64.1S	58.8W	280	16 C	63.5S	51.9W	280	16 C	63.0S	44.8W	279	17 C
DEC 16 68	62.5S	37.7W	279	17 C	61.9S	30.5W	279	18 C	61.4S	23.1W	279	18 D	60.9S	15.7W	278	19 D
DEC 17 68	60.3S	8.2W	278	20 D	59.8S	.5W	278	20 D	59.3S	7.2E	277	21 D	58.8S	15.1E	277	21 D
DEC 18 68	58.4S	23.1E	276	22 D	57.9S	31.2E	276	22 D	57.4S	39.4E	276	23 D	57.0S	47.8E	275	24 D
DEC 19 68	56.6S	56.3E	275	24 D	56.2S	64.9E	274	25 D	55.9S	73.7E	274	26 D	55.6S	82.6E	274	26 D
DEC 20 68	55.3S	91.6E	273	27 D	55.0S	100.8E	273	27 D	54.8S	110.1E	272	28 D	54.6S	119.6E	272	29 C
DEC 21 68	54.4S	129.2E	271	29 C	54.3S	139.0E	271	30 C	54.2S	149.0E	271	30 B	54.2S	159.1E	270	31 A
DEC 22 68	54.2S	169.4E	270	31 A	54.3S	179.9E	269	32 A	54.3S	169.6W	269	32 B	54.5S	159.0W	269	32 A
DEC 23 68	54.6S	148.5W	269	31 A	54.7S	138.0W	269	31 B	54.9S	127.7W	269	30 B	55.0S	117.4W	269	30 C
DEC 24 68	55.1S	107.3W	269	30 C	55.3S	97.2W	268	29 C	55.4S	87.3W	268	29 D	55.6S	77.4W	268	29 D
DEC 25 68	55.8S	67.7W	268	28 D	55.9S	58.0W	268	28 D	56.1S	48.4W	268	27 D	56.3S	38.9W	268	27 D
DEC 26 68	56.4S	29.5W	268	27 D	56.6S	20.2W	268	26 D	56.8S	11.0W	268	26 D	57.0S	1.8W	268	25 D
DEC 27 68	57.2S	7.2E	268	25 D	57.4S	16.2E	268	25 D	57.6S	25.0E	268	24 D	57.8S	33.8E	268	24 D
DEC 28 68	58.0S	42.5E	267	24 D	58.2S	51.1E	267	23 D	58.4S	59.6E	267	23 D	58.6S	68.0E	267	23 D
DEC 29 68	58.8S	76.4E	267	22 D	59.0S	84.6E	267	22 D	59.2S	92.8E	267	21 D	59.5S	100.9E	267	21 D
DEC 30 68	59.7S	108.9E	267	21 D	59.9S	116.8E	267	20 D	60.1S	124.6E	267	20 D	60.4S	132.4E	266	20 D
DEC 31 68	60.6S	140.1E	266	19 D	60.8S	147.7E	266	19 D	61.1S	155.2E	266	19 D	61.3S	162.6E	266	18 D
JAN 1 69	61.6S	170.0E	266	18 D	61.8S	177.3E	266	18 D	62.1S	175.5W	266	17 D	62.3S	168.4W	266	17 D
JAN 2 69	62.6S	161.4W	266	17 D	62.8S	154.4W	265	16 D	63.1S	147.5W	265	16 D	63.3S	140.7W	265	16 D
JAN 3 69	63.6S	134.0W	265	15 D	63.8S	127.3W	265	15 D	64.1S	120.7W	265	15 D	64.4S	114.2W	265	14 D
JAN 4 69	64.6S	107.7W	264	14 D	64.9S	101.4W	264	14 D	65.2S	95.1W	264	14 D	65.4S	88.8W	264	13 D
JAN 5 69	65.7S	82.7W	264	13 D	66.0S	76.6W	264	13 D	66.3S	70.6W	264	12 D	66.5S	64.6W	263	12 D
JAN 6 69	66.8S	58.7W	263	12 D	67.1S	52.9W	263	12 D	67.4S	47.2W	263	11 D	67.6S	41.5W	263	11 D
JAN 7 69	67.9S	35.9W	262	11 D	68.2S	30.3W	262	11 D	68.5S	24.8W	262	10 D	68.8S	19.4W	262	10 D

RELIABILITY INDEX, R, RANGES FROM A (GOOD) TO D (POOR)

200MB GHOST BALLOON 157L

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
JAN 8 69	69.0S	14.1W	262	10 D	69.3S	8.8W	261	10 D	69.6S	3.6W	261	9 D	69.9S	1.6E	261	9 D
JAN 9 69	70.2S	6.7E	261	9 D	70.5S	11.7E	260	9 D	70.7S	16.7E	260	9 D	71.0S	21.6E	260	8 D
JAN 10 69	71.3S	26.4E	260	8 D	71.6S	31.2E	259	8 D	71.9S	36.0E	259	8 D	72.2S	40.6E	259	7 D
JAN 11 69	72.4S	45.3E	258	7 D	72.7S	49.8E	258	7 D	73.0S	54.3E	258	7 D	73.3S	58.7E	257	7 D
JAN 12 69	73.6S	63.1E	257	7 D	73.8S	67.5E	257	6 D	74.1S	71.7E	256	6 D	74.4S	76.0E	256	6 D
JAN 13 69	74.7S	80.1E	256	6 D	75.0S	84.2E	255	6 D	75.2S	88.3E	255	5 D	75.5S	92.3E	254	5 D
JAN 14 69	75.8S	96.3E	254	5 D	76.1S	100.2E	254	5 D	76.3S	104.0E	253	5 D	76.6S	107.8E	253	5 D
JAN 15 69	76.9S	111.6E	252	5 D	77.2S	115.3E	252	4 D	77.4S	118.9E	251	4 D	77.7S	122.5E	251	4 D
JAN 16 69	78.0S	126.1E	250	4 D	78.2S	129.6E	250	4 D	78.5S	133.0E	249	4 D	78.8S	136.4E	248	4 D
JAN 17 69	79.0S	139.8E	248	4 D	79.3S	143.1E	247	3 D	79.5S	146.4E	246	3 D	79.8S	149.6E	246	3 D
JAN 18 69	80.1S	152.8E	245	3 D	80.3S	156.0E	244	3 D	80.6S	159.1E	244	3 D	80.8S	162.1E	243	3 D
JAN 19 69	81.0S	165.2E	242	3 D	81.3S	168.1E	241	3 D	81.5S	171.1E	241	3 D	81.8S	174.0E	240	2 D
JAN 20 69	82.0S	176.8E	239	2 D	82.2S	179.7E	238	2 D	82.5S	177.6W	237	2 D	82.7S	174.8W	236	2 D
JAN 21 69	82.9S	172.1W	236	2 D	83.2S	169.5W	235	2 D	83.4S	166.8W	234	2 D	83.6S	164.2W	233	2 D
JAN 22 69	83.8S	161.7W	232	2 D	84.0S	159.1W	231	2 D	84.2S	156.7W	230	2 D	84.5S	154.2W	229	2 C
JAN 23 69	84.7S	151.8W	228	2 C	84.9S	149.4W	227	2 C	85.1S	147.0W	226	1 C	85.3S	144.7W	224	1 C
JAN 24 69	85.5S	142.4W	223	1 C	85.6S	140.2W	221	1 D	85.8S	137.9W	219	1 D	86.0S	135.8W	217	1 D
JAN 25 69	86.2S	133.6W	215	1 D	86.4S	131.5W	213	1 D	86.6S	129.4W	210	1 D	86.9S	127.4W	207	1 D
JAN 26 69	87.1S	125.4W	204	1 D	87.3S	123.4W	201	1 D	87.6S	121.5W	198	1 D	87.8S	119.6W	196	1 D
JAN 27 69	88.1S	117.8W	194	1 D	88.3S	116.0W	193	1 D	88.5S	114.2W	192	1 D	88.7S	112.5W	193	1 D
JAN 28 69	88.8S	110.9W	196	1 D	88.9S	109.2W	CALM	D	89.0S	107.7W	CALM	D	89.0S	106.1W	CALM	D
JAN 29 69	89.0S	104.7W	CALM	D	89.0S	103.2W	CALM	D	89.0S	101.9W	CALM	D	89.0S	100.5W	CALM	D
JAN 30 69	89.0S	99.3W	CALM	D	88.9S	98.0W	348	1 D	88.7S	96.9W	350	1 D	88.6S	95.7W	350	1 D
JAN 31 69	88.4S	94.7W	349	1 D	88.3S	93.6W	347	1 D	88.2S	92.7W	CALM	D	88.1S	91.8W	CALM	D
FEB 1 69	88.1S	90.9W	CALM	D	88.1S	90.2W	CALM	D	88.1S	89.4W	CALM	D	88.1S	88.7W	CALM	C
FEB 2 69	87.9S	88.1W	355	1 C	87.6S	87.6W	357	2 C	87.0S	87.1W	358	4 B	86.2S	86.7W	359	5 B
FEB 3 69	85.0S	86.3W	359	7 A	83.4S	86.0W	359	9 B	81.5S	85.8W	359	11 B	79.3S	85.6W	359	12 C
FEB 4 69	76.8S	85.4W	359	14 C	74.0S	85.3W	359	15 C	71.0S	85.2W	360	16 C	67.7S	85.2W	0	18 C
FEB 5 69	64.1S	85.3W	1	19 C	60.3S	85.5W	2	20 B	56.4S	85.7W	1	20 A	52.6S	85.8W	360	19 A
FEB 6 69	49.0S	85.6W	356	18 B	45.9S	85.0W	348	15 B	43.3S	83.8W	334	13 A	41.5S	82.0W	309	11 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)



200MB GHOST BALLOON 158D

	00 GMT				06 GMT				12 GMT				18 GMT			
				MPS R				MPS R				MPS R				MPS R
OCT 12 68	56.7S	168.8W	288	18 A	55.6S	162.7W	287	18 A	54.6S	156.9W	287	18 B	53.6S	151.2W	286	18 B
OCT 13 68	52.7S	145.7W	286	17 C	51.8S	140.4W	285	17 C	50.9S	135.3W	284	17 C	50.1S	130.2W	284	17 C
OCT 14 68	49.4S	125.3W	283	17 D	48.7S	120.6W	283	16 D	48.0S	115.9W	282	16 D	47.4S	111.3W	281	16 D
OCT 15 68	46.7S	106.8W	281	16 D	46.2S	102.3W	280	16 D	45.6S	97.9W	280	16 D	45.1S	93.6W	279	16 D
OCT 16 68	44.7S	89.2W	279	16 D	44.2S	84.9W	278	16 D	43.8S	80.5W	277	16 D	43.4S	76.1W	277	17 D
OCT 17 68	43.0S	71.7W	276	17 D	42.7S	67.3W	276	17 D	42.3S	62.8W	275	17 D	42.0S	58.2W	275	18 D
OCT 18 68	41.7S	53.5W	275	18 D	41.4S	48.7W	274	19 D	41.2S	43.9W	274	19 D	40.9S	38.8W	274	20 D
OCT 19 68	40.7S	33.7W	273	20 D	40.4S	28.4W	273	21 D	40.2S	22.9W	273	22 D	40.0S	17.2W	273	23 D
OCT 20 68	39.8S	11.4W	273	24 D	39.6S	5.3W	272	24 D	39.4S	1.0E	272	25 D	39.2S	7.5E	272	26 C
OCT 21 68	39.0S	14.2E	272	28 C	38.8S	21.2E	272	29 C	38.6S	28.5E	272	30 B	38.4S	36.1E	272	31 B
OCT 22 68	38.1S	44.0E	272	33 A	37.9S	52.3E	272	34 A	37.7S	60.8E	272	35 A	37.4S	69.6E	272	36 B
OCT 23 68	37.3S	78.5E	271	37 B	37.1S	87.6E	271	37 C	37.1S	96.6E	270	37 C	37.2S	105.5E	269	36 C
OCT 24 68	37.4S	114.2E	267	35 C	37.8S	122.5E	266	33 B	38.4S	130.4E	263	31 B	39.2S	137.8E	260	29 A
OCT 25 68	40.3S	144.6E	256	26 A	41.6S	150.8E	252	24 A	43.1S	156.5E	248	22 B	44.8S	161.9E	245	22 C
OCT 26 68	46.6S	167.4E	244	22 C	48.5S	173.1E	244	22 B	50.4S	179.1E	245	23 B	52.1S	174.3W	248	23 A
OCT 27 68	53.8S	167.1W	251	24 A	55.3S	159.4W	254	24 A	56.4S	151.6W	257	22 B	57.1S	144.5W	263	18 A
OCT 28 68	57.3S	138.9W	274	13 A	56.8S	135.3W	298	9 B	55.7S	133.1W	321	9 B	54.2S	131.3W	326	10 A
OCT 29 68	52.4S	129.0W	318	13 A	50.4S	125.5W	308	17 B	48.3S	120.8W	301	21 B	46.2S	115.0W	295	25 C
OCT 30 68	44.3S	108.3W	290	28 C	42.5S	100.8W	285	31 C	41.1S	92.6W	280	34 C	40.3S	83.6W	274	36 C
OCT 31 68	40.3S	74.0W	267	39 B	41.1S	63.9W	261	41 B	42.6S	53.3W	256	42 A	44.9S	42.4W	252	42 A
NOV 1 68	47.6S	31.4W	248	41 B	50.8S	20.4W	245	39 A	54.1S	9.6W	242	37 A	57.3S	1.1E	242	33 A
NOV 2 68	60.2S	11.4E	243	29 B	62.4S	21.4E	247	25 B	64.1S	31.0E	251	23 C	65.3S	40.4E	255	21 C
NOV 3 68	66.2S	49.5E	259	19 C	66.8S	58.6E	262	18 D	67.1S	67.5E	266	18 D	67.2S	76.4E	270	18 D
NOV 4 68	67.1S	85.2E	273	18 D	66.8S	94.1E	276	18 D	66.4S	103.0E	278	19 D	65.8S	112.0E	280	19 C
NOV 5 68	65.1S	121.1E	280	20 C	64.4S	130.5E	281	21 C	63.6S	140.0E	280	22 B	62.8S	149.8E	279	24 B
NOV 6 68	62.2S	159.9E	278	25 A	61.6S	170.3E	275	26 A	61.3S	179.0W	270	26 B	61.6S	168.4W	263	26 A
NOV 7 68	62.7S	157.9W	253	26 A	64.6S	147.7W	242	25 A	67.0S	137.7W	236	24 B	69.6S	128.0W	233	22 A
NOV 8 68	71.9S	118.5W	236	18 A	73.5S	109.0W	244	15 B	74.6S	99.8W	254	13 B	75.0S	90.6W	265	12 C
NOV 9 68	75.0S	81.6W	275	12 C	74.6S	72.6W	283	12 C	73.9S	63.8W	289	13 D	73.0S	55.1W	293	14 D
NOV 10 68	71.8S	46.5W	295	15 D	70.5S	38.0W	296	16 D	69.0S	29.6W	296	17 D	67.5S	21.3W	296	18 D
NOV 11 68	66.0S	13.0W	294	19 C	64.5S	4.8W	292	20 C	63.2S	3.4E	289	20 C	62.1S	11.5E	284	20 B
NOV 12 68	61.3S	19.5E	278	20 B	61.0S	27.5E	273	20 A	60.9S	35.4E	271	20 A	60.8S	43.4E	271	20 B
NOV 13 68	60.6S	51.5E	275	21 A	60.1S	59.8E	280	22 A	59.2S	68.2E	285	23 A	57.8S	76.9E	289	25 B
NOV 14 68	55.9S	85.7E	293	28 A	53.5S	94.8E	295	31 A	50.9S	103.7E	295	32 B	48.5S	112.3E	292	31 B
NOV 15 68	46.6S	120.3E	286	28 C	45.5S	127.4E	279	25 C	45.0S	134.0E	275	23 B	44.6S	140.2E	275	23 A
NOV 16 68	44.1S	146.6E	279	24 A	43.2S	153.3E	281	25 A	42.5S	159.8E	275	24 B	42.7S	165.7E	258	21 B
NOV 17 68	44.5S	170.3E	225	20 C	48.1S	173.4E	201	24 B	52.9S	175.8E	196	27 B	57.7S	178.6E	202	24 A
NOV 18 68	61.2S	177.2W	225	18 A	62.7S	170.8W	261	18 A	62.5S	162.8W	280	20 B	61.5S	154.2W	287	22 A
NOV 19 68	60.3S	145.8W	284	21 A	59.6S	138.4W	278	18 B	59.3S	132.2W	273	15 B	59.3S	127.3W	270	11 A
NOV 20 68	59.3S	123.7W	270	8 A	59.2S	121.3W	278	5 B	59.0S	119.9W	298	3 B	58.7S	119.2W	331	2 C
NOV 21 68	58.2S	118.9W	348	3 C	57.6S	118.6W	342	4 C	56.7S	117.8W	325	6 C	55.6S	116.0W	310	10 C
NOV 22 68	54.3S	112.6W	301	15 B	52.6S	107.2W	296	22 B	50.6S	100.0W	293	29 A	48.3S	91.2W	291	35 A
NOV 23 68	45.7S	81.2W	290	40 A	42.9S	70.3W	289	44 B	40.3S	59.2W	287	45 A	38.1S	48.5W	283	42 A
NOV 24 68	36.7S	39.1W	277	36 B	36.4S	31.4W	267	29 B	37.3S	24.9W	253	26 A	39.3S	19.0W	241	26 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 158D  
00 GMT

			MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
NOV 25 68	42.3S	13.0W	233	30 B	46.1S	6.5W	230	32 C	49.9S	.5E	232	30 C	52.8S	7.5E	243	24 B
NOV 26 68	53.8S	14.3E	273	20 B	52.3S	20.7E	306	24 A	48.5S	26.6E	321	31 A	43.2S	32.3E	325	37 A
NOV 27 68	36.9S	37.9E	325	41 A	30.3S	43.6E	323	43 A	23.8S	49.5E	319	43 A	18.0S	55.6E	312	41 B
NOV 28 68	13.3S	62.0E	301	39 B	10.2S	68.7E	289	37 C	8.5S	75.8E	279	37 C	7.9S	83.0E	271	37 C
NOV 29 68	8.1S	90.4E	265	38 D	9.1S	97.8E	261	38 D	10.6S	105.3E	257	39 D	12.6S	112.7E	253	39 D
NOV 30 68	15.0S	120.1E	250	39 D	17.7S	127.4E	247	38 D	20.6S	134.5E	245	37 D	23.7S	141.4E	244	36 C
DEC 1 68	26.8S	148.0E	243	34 C	29.7S	154.4E	242	31 C	32.4S	160.3E	243	28 B	34.7S	165.9E	245	25 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 159L

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
NOV 9 68	38.3S	157.3E	298	9 A	37.5S	159.3E	296	9 A	36.7S	161.4E	295	9 B	35.9S	163.4E	293	10 B
NOV 10 68	35.2S	165.6E	292	10 C	34.5S	167.7E	291	10 C	33.9S	169.9E	290	10 C	33.2S	172.1E	289	10 D
NOV 11 68	32.6S	174.3E	288	10 D	32.0S	176.6E	288	10 D	31.4S	178.8E	287	10 D	30.8S	179.0W	286	10 D
NOV 12 68	30.3S	176.7W	285	10 D	29.7S	174.5W	285	11 D	29.2S	172.2W	284	11 D	28.8S	169.9W	283	11 D
NOV 13 68	28.3S	167.5W	283	11 D	27.8S	165.2W	282	11 D	27.4S	162.9W	281	11 D	27.0S	160.5W	281	11 D
NOV 14 68	26.6S	158.2W	280	11 D	26.3S	155.8W	280	11 D	25.9S	153.4W	279	11 D	25.6S	151.0W	278	11 D
NOV 15 68	25.3S	148.6W	278	11 D	25.0S	146.1W	277	11 D	24.7S	143.7W	277	12 D	24.4S	141.2W	276	12 D
NOV 16 68	24.2S	138.8W	276	12 D	24.0S	136.3W	275	12 D	23.7S	133.8W	275	12 D	23.6S	131.3W	275	12 D
NOV 17 68	23.4S	128.8W	274	12 D	23.2S	126.2W	274	12 D	23.1S	123.7W	273	12 D	22.9S	121.1W	273	12 D
NOV 18 68	22.8S	118.6W	273	12 D	22.7S	116.0W	272	12 D	22.7S	113.4W	272	12 D	22.6S	110.8W	271	12 D
NOV 19 68	22.5S	108.2W	271	12 D	22.5S	105.6W	271	12 D	22.5S	103.0W	270	13 D	22.4S	100.3W	270	13 D
NOV 20 68	22.5S	97.7W	270	13 D	22.5S	95.0W	270	13 D	22.5S	92.3W	269	13 D	22.5S	89.7W	269	13 D
NOV 21 68	22.6S	87.0W	269	13 D	22.7S	84.3W	268	13 D	22.7S	81.6W	268	13 D	22.8S	78.8W	268	13 D
NOV 22 68	22.9S	76.1W	268	13 D	23.0S	73.4W	267	13 D	23.2S	70.6W	267	13 D	23.3S	67.9W	267	13 D
NOV 23 68	23.4S	65.1W	267	13 D	23.6S	62.3W	266	13 D	23.8S	59.5W	266	13 D	23.9S	56.7W	266	13 D
NOV 24 68	24.1S	53.9W	266	13 D	24.3S	51.1W	266	13 D	24.5S	48.3W	265	13 D	24.7S	45.5W	265	13 D
NOV 25 68	25.0S	42.6W	265	13 D	25.2S	39.8W	265	13 D	25.4S	36.9W	265	13 D	25.7S	34.1W	264	13 D
NOV 26 68	25.9S	31.2W	264	13 D	26.2S	28.3W	264	13 D	26.5S	25.5W	264	13 D	26.7S	22.6W	264	13 D
NOV 27 68	27.0S	19.7W	264	13 D	27.3S	16.8W	263	13 D	27.6S	13.9W	263	13 D	27.9S	10.9W	263	13 D
NOV 28 68	28.2S	8.0W	263	13 D	28.6S	5.1W	263	13 D	28.9S	2.1W	263	13 D	29.2S	.8E	263	13 D
NOV 29 68	29.5S	3.7E	263	13 D	29.9S	6.7E	262	13 D	30.2S	9.7E	262	13 D	30.6S	12.6E	262	13 D
NOV 30 68	30.9S	15.6E	262	13 D	31.3S	18.6E	262	13 D	31.6S	21.6E	262	13 D	32.0S	24.6E	262	13 D
DEC 1 68	32.4S	27.6E	262	13 D	32.7S	30.6E	262	13 D	33.1S	33.6E	262	13 D	33.5S	36.6E	261	13 D
DEC 2 68	33.9S	39.6E	261	13 D	34.2S	42.6E	261	13 D	34.6S	45.7E	261	13 D	35.0S	48.7E	261	13 D
DEC 3 68	35.4S	51.7E	261	13 D	35.8S	54.8E	261	13 D	36.2S	57.8E	261	13 D	36.6S	60.9E	261	13 D
DEC 4 68	36.9S	63.9E	261	13 D	37.3S	67.0E	261	13 D	37.7S	70.0E	261	13 D	38.1S	73.1E	261	13 D
DEC 5 68	38.5S	76.2E	261	13 D	38.9S	79.2E	261	12 D	39.3S	82.3E	261	12 D	39.7S	85.4E	261	12 D
DEC 6 68	40.1S	88.5E	261	12 D	40.4S	91.6E	261	12 D	40.8S	94.7E	261	12 D	41.2S	97.7E	261	12 D
DEC 7 68	41.6S	100.8E	261	12 D	42.0S	103.9E	261	12 D	42.3S	107.0E	261	12 D	42.7S	110.1E	261	12 D
DEC 8 68	43.1S	113.2E	261	12 D	43.4S	116.3E	261	12 D	43.8S	119.4E	261	12 D	44.1S	122.6E	261	12 D
DEC 9 68	44.5S	125.7E	261	12 D	44.8S	128.8E	261	11 D	45.2S	131.9E	261	11 D	45.5S	135.0E	261	11 D
DEC 10 68	45.9S	138.1E	261	11 D	46.2S	141.2E	261	11 D	46.5S	144.4E	262	11 D	46.8S	147.5E	262	11 D
DEC 11 68	47.1S	150.6E	262	11 D	47.4S	153.7E	262	11 D	47.7S	156.8E	262	11 D	48.0S	160.0E	262	11 D
DEC 12 68	48.3S	163.1E	262	11 D	48.6S	166.2E	262	11 D	48.9S	169.3E	263	11 D	49.1S	172.5E	263	11 D
DEC 13 68	49.4S	175.6E	263	11 D	49.6S	178.7E	263	10 D	49.9S	178.2W	263	10 D	50.1S	175.1W	264	10 D
DEC 14 68	50.3S	171.9W	264	10 D	50.5S	168.8W	264	10 D	50.7S	165.7W	264	10 D	50.9S	162.6W	264	10 D
DEC 15 68	51.1S	159.5W	265	10 D	51.3S	156.3W	265	10 D	51.5S	153.2W	265	10 C	51.6S	150.1W	266	10 C
DEC 16 68	51.8S	147.0W	266	10 C	51.9S	143.9W	266	10 B	52.0S	140.8W	266	10 B	52.1S	137.7W	267	10 A
DEC 17 68	52.2S	134.5W	267	10 A	52.3S	131.3W	268	10 A	52.4S	128.1W	268	10 B	52.4S	124.8W	269	10 B
DEC 18 68	52.5S	121.4W	269	11 C	52.5S	118.1W	270	11 C	52.5S	114.7W	270	11 C	52.5S	111.2W	270	11 D
DEC 19 68	52.5S	107.7W	271	11 D	52.5S	104.2W	271	11 D	52.4S	100.6W	271	11 D	52.4S	97.0W	272	11 D
DEC 20 68	52.3S	93.3W	272	12 D	52.2S	89.6W	272	12 D	52.1S	85.9W	272	12 D	52.0S	82.2W	273	12 D
DEC 21 68	51.9S	78.4W	273	12 D	51.8S	74.6W	273	12 D	51.6S	70.7W	273	12 D	51.5S	66.9W	274	12 D
DEC 22 68	51.3S	63.0W	274	13 D	51.2S	59.0W	274	13 D	51.0S	55.1W	274	13 D	50.8S	51.1W	274	13 D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 159L

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
DEC 23 68	50.6S	47.1W	275	13 D	50.4S	43.0W	275	13 D	50.2S	39.0W	275	13 D	50.0S	34.9W	275	14 D
DEC 24 68	49.7S	30.8W	275	14 D	49.5S	26.6W	275	14 D	49.2S	22.5W	275	14 D	49.0S	18.3W	275	14 D
DEC 25 68	48.7S	14.1W	276	14 D	48.4S	9.9W	276	14 D	48.2S	5.7W	276	15 D	47.9S	1.4W	276	15 D
DEC 26 68	47.6S	2.8E	276	15 D	47.3S	7.1E	276	15 D	47.0S	11.4E	276	15 D	46.7S	15.7E	276	15 D
DEC 27 68	46.4S	20.0E	276	15 D	46.0S	24.4E	276	16 D	45.7S	28.7E	276	16 D	45.4S	33.1E	276	16 D
DEC 28 68	45.0S	37.4E	276	16 D	44.7S	41.8E	276	16 D	44.3S	46.2E	276	16 D	44.0S	50.6E	276	16 D
DEC 29 68	43.6S	55.0E	276	16 D	43.3S	59.4E	276	17 D	42.9S	63.8E	276	17 D	42.5S	68.2E	276	17 D
DEC 30 68	42.2S	72.6E	276	17 D	41.8S	77.0E	276	17 D	41.4S	81.4E	276	17 D	41.0S	85.8E	276	17 D
DEC 31 68	40.7S	90.2E	276	17 D	40.3S	94.6E	276	17 D	39.9S	99.0E	276	18 D	39.5S	103.4E	276	18 D
JAN 1 69	39.1S	107.8E	276	18 D	38.7S	112.2E	276	18 D	38.3S	116.6E	276	18 D	38.0S	121.0E	276	18 D
JAN 2 69	37.6S	125.4E	276	18 D	37.2S	129.8E	276	18 D	36.8S	134.1E	276	18 C	36.4S	138.5E	276	18 C
JAN 3 69	36.0S	142.8E	276	18 C	35.6S	147.1E	276	18 B	35.2S	151.5E	276	18 B	34.9S	155.8E	276	18 A
JAN 4 69	34.5S	160.1E	276	18 A	34.1S	164.3E	276	18 B	33.7S	168.6E	276	18 B	33.3S	172.8E	276	18 C
JAN 5 69	33.0S	177.1E	276	18 C	32.6S	178.7W	276	18 C	32.2S	174.5W	276	18 D	31.9S	170.3W	276	18 D
JAN 6 69	31.5S	166.2W	276	18 D	31.1S	162.1W	276	18 D	30.8S	157.9W	276	18 D	30.4S	153.9W	276	18 D
JAN 7 69	30.1S	149.8W	276	18 D	29.8S	145.7W	276	18 D	29.4S	141.7W	275	18 D	29.1S	137.7W	275	18 D
JAN 8 69	28.8S	133.8W	275	18 D	28.5S	129.8W	275	18 D	28.1S	125.9W	275	18 D	27.8S	122.0W	275	18 D
JAN 9 69	27.5S	118.2W	275	18 C	27.2S	114.4W	275	17 C	26.9S	110.6W	275	17 C	26.7S	106.8W	275	17 B
JAN 10 69	26.4S	103.1W	275	17 B	26.1S	99.4W	275	17 A	25.9S	95.7W	274	17 A	25.6S	92.1W	274	17 B
JAN 11 69	25.4S	88.5W	274	17 C	25.1S	85.0W	274	17 C	24.9S	81.5W	274	16 C	24.7S	78.0W	274	16 D
JAN 12 69	24.5S	74.5W	274	16 D	24.3S	71.1W	274	16 D	24.1S	67.8W	273	16 D	23.9S	64.5W	273	16 D
JAN 13 69	23.8S	61.2W	273	15 D	23.6S	58.0W	273	15 D	23.4S	54.8W	273	15 D	23.3S	51.6W	273	15 D
JAN 14 69	23.2S	48.5W	272	15 D	23.1S	45.5W	272	14 D	23.0S	42.5W	272	14 D	22.9S	39.5W	272	14 D
JAN 15 69	22.8S	36.6W	272	14 D	22.7S	33.8W	271	13 D	22.7S	30.9W	271	13 D	22.6S	28.2W	271	13 D
JAN 16 69	22.6S	25.5W	271	13 D	22.6S	22.8W	270	12 D	22.6S	20.2W	270	12 D	22.6S	17.7W	270	12 D
JAN 17 69	22.6S	15.2W	269	12 D	22.6S	12.8W	269	11 D	22.7S	10.4W	268	11 D	22.8S	8.1W	268	11 D
JAN 18 69	22.8S	5.8W	268	11 D	22.9S	3.6W	267	10 D	23.0S	1.5W	267	10 D	23.2S	.6E	266	10 D
JAN 19 69	23.3S	2.6E	265	9 D	23.5S	4.6E	265	9 D	23.6S	6.5E	264	9 D	23.8S	8.3E	263	9 D
JAN 20 69	24.0S	10.1E	262	8 D	24.3S	11.8E	261	8 D	24.5S	13.4E	260	8 D	24.8S	15.0E	259	7 D
JAN 21 69	25.0S	16.5E	258	7 C	25.3S	17.9E	257	7 C	25.6S	19.3E	255	6 C	26.0S	20.6E	253	6 C
JAN 22 69	26.3S	21.8E	251	6 C	26.7S	22.9E	249	5 C	27.1S	24.0E	247	5 D	27.5S	25.0E	244	5 D
JAN 23 69	27.9S	25.9E	241	5 C	28.3S	26.8E	238	4 C	28.8S	27.5E	234	4 C	29.3S	28.2E	229	4 B

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 160B

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R					
OCT 17 68	40.9S	179.0E	284	47	A	38.8S	169.5W	283	44	A	37.2S	159.4W	281	40	B	35.8S	150.4W	280	36	A
OCT 18 68	34.8S	142.3W	278	33	A	34.1S	135.0W	275	30	A	33.7S	128.4W	272	27	B	33.7S	122.3W	269	25	B
OCT 19 68	33.9S	116.5W	265	24	C	34.4S	110.9W	262	24	C	35.3S	105.2W	258	25	C	36.4S	99.4W	254	26	C
OCT 20 68	38.0S	93.1W	251	28	B	40.0S	86.2W	249	30	B	42.2S	78.6W	248	32	A	44.6S	70.4W	249	33	A
OCT 21 68	46.9S	61.6W	250	34	A	49.1S	52.3W	252	34	B	50.9S	42.5W	256	33	A	52.3S	32.6W	261	31	A
OCT 22 68	52.9S	22.8W	268	30	B	52.7S	13.4W	275	29	B	52.1S	4.5W	278	28	C	51.3S	3.8E	278	26	C
OCT 23 68	50.9S	11.4E	272	23	B	51.0S	18.2E	264	21	A	51.6S	24.6E	258	21	A	52.7S	31.0E	253	21	B
OCT 24 68	54.0S	37.7E	251	23	A	55.4S	45.2E	252	24	A	56.9S	53.5E	254	25	A	58.1S	62.6E	258	27	B
OCT 25 68	59.0S	72.6E	263	28	B	59.4S	83.5E	268	29	C	59.3S	94.9E	273	30	C	58.8S	106.5E	278	31	C
OCT 26 68	57.8S	117.9E	282	31	C	56.3S	128.6E	287	31	B	54.3S	138.4E	293	30	B	51.8S	146.9E	300	29	A
OCT 27 68	48.8S	153.8E	310	27	A	45.2S	159.1E	318	25	A	41.9S	163.3E	315	22	B	39.4S	167.4E	298	19	A
OCT 28 68	38.7S	172.1E	265	21	A	40.1S	178.1E	245	28	B	43.0S	175.4W	236	30	B	46.3S	169.2W	231	26	A
OCT 29 68	49.0S	164.3W	232	17	A	50.3S	161.2W	243	9	A	50.8S	159.1W	261	7	B	51.0S	156.7W	260	10	A
OCT 30 68	51.7S	152.8W	250	17	A	53.3S	146.6W	244	25	B	55.7S	138.6W	242	28	B	58.3S	129.9W	240	28	A
OCT 31 68	60.8S	121.2W	241	24	A	62.7S	113.4W	244	19	B	64.1S	106.2W	251	17	B	64.9S	99.1W	260	16	C
NOV 1 68	65.2S	91.7W	269	17	B	65.1S	83.6W	276	19	B	64.5S	74.6W	281	21	A	63.5S	64.7W	284	24	A
NOV 2 68	62.2S	54.0W	286	28	B	60.5S	42.3W	287	32	B	58.7S	30.1W	286	34	C	56.8S	17.7W	285	36	C
NOV 3 68	55.0S	5.4W	284	37	C	53.4S	6.5E	282	36	C	52.1S	17.8E	280	35	C	51.0S	28.4E	278	34	C
NOV 4 68	50.3S	38.5E	276	32	C	49.8S	47.8E	274	30	D	49.5S	56.5E	271	28	D	49.5S	64.7E	270	27	D
NOV 5 68	49.5S	72.5E	269	25	D	49.7S	80.0E	268	24	D	49.9S	87.2E	267	23	D	50.1S	94.2E	268	23	C
NOV 6 68	50.3S	101.0E	268	22	C	50.3S	107.8E	270	22	C	50.3S	114.6E	272	22	B	50.1S	121.4E	274	23	A
NOV 7 68	49.6S	128.5E	277	24	A	49.0S	135.7E	278	25	B	48.4S	142.7E	275	24	B	48.2S	149.4E	268	21	A
NOV 8 68	48.8S	155.2E	254	19	A	50.3S	159.9E	234	18	A	52.8S	163.9E	218	19	B	56.2S	167.7E	209	23	A
NOV 9 68	60.5S	171.6E	204	26	A	65.5S	176.1E	200	29	A	70.8S	179.1W	197	28	B	75.8S	174.3W	194	25	B
NOV 10 68	80.0S	169.9W	191	19	C	82.9S	166.1W	191	12	C	84.7S	162.8W	192	7	C	85.6S	159.9W	202	3	C
NOV 11 68	85.8S	157.3W	267	1	C	85.7S	154.8W	331	2	C	85.2S	152.5W	340	3	C	84.6S	150.1W	341	4	C
NOV 12 68	83.9S	147.7W	338	4	C	83.3S	145.1W	332	3	C	82.8S	142.5W	328	3	D	82.3S	139.8W	325	3	D
NOV 13 68	81.7S	136.9W	323	3	D	81.2S	134.1W	321	4	D	80.6S	131.1W	319	4	D	80.0S	128.1W	318	4	D
NOV 14 68	79.5S	124.9W	315	4	D	78.9S	121.7W	313	4	D	78.3S	118.5W	311	5	D	77.7S	115.1W	310	5	D
NOV 15 68	77.1S	111.7W	308	5	D	76.5S	108.2W	307	5	D	75.8S	104.6W	305	6	D	75.2S	100.9W	304	6	D
NOV 16 68	74.5S	97.2W	303	6	D	73.9S	93.3W	302	7	D	73.2S	89.4W	301	7	D	72.5S	85.5W	300	7	D
NOV 17 68	71.8S	81.4W	299	8	D	71.1S	77.3W	298	8	D	70.3S	73.1W	298	8	D	69.6S	68.8W	297	9	D
NOV 18 68	68.8S	64.4W	296	9	D	68.0S	60.0W	296	10	D	67.2S	55.5W	295	10	D	66.4S	50.9W	295	10	D
NOV 19 68	65.5S	46.2W	294	11	D	64.6S	41.5W	294	11	D	63.7S	36.7W	293	12	D	62.8S	31.8W	293	13	D
NOV 20 68	61.8S	26.8W	292	13	D	60.9S	21.8W	292	14	D	59.8S	16.6W	292	14	D	58.8S	11.5W	291	15	D
NOV 21 68	57.8S	6.2W	291	16	C	56.7S	.9W	290	16	C	55.5S	4.5E	290	17	C	54.4S	10.0E	290	18	B
NOV 22 68	53.2S	15.6E	290	18	B	52.0S	21.2E	289	19	A	50.7S	26.9E	289	20	A	49.5S	32.7E	289	20	A
NOV 23 68	48.2S	38.5E	288	21	B	46.9S	44.4E	288	22	B	45.6S	50.2E	287	22	C	44.4S	56.1E	286	23	C
NOV 24 68	43.2S	62.0E	285	23	C	42.0S	67.8E	284	23	D	40.9S	73.6E	283	23	D	39.9S	79.4E	282	23	D
NOV 25 68	39.0S	85.0E	281	23	D	38.3S	90.6E	279	23	D	37.6S	96.1E	278	22	D	37.1S	101.4E	276	22	D
NOV 26 68	36.7S	106.6E	274	21	D	36.5S	111.7E	271	21	D	36.5S	116.6E	269	20	D	36.7S	121.2E	265	19	D
NOV 27 68	37.1S	125.7E	262	18	D	37.8S	130.0E	257	17	D	38.6S	134.0E	252	17	C	39.8S	137.8E	246	16	C
NOV 28 68	41.2S	141.3E	239	15	C	42.8S	144.6E	232	15	C	44.8S	147.5E	223	15	B	47.1S	150.1E	214	15	A
NOV 29 68	49.7S	152.4E	205	16	A	52.7S	154.3E	200	17	A	55.8S	156.1E	199	16	B	58.6S	158.1E	203	14	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 160B

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
NOV 30 68	60.8S	160.5E	215	12 A	62.2S	163.5E	237	10 B	62.9S	167.3E	261	10 B	62.9S	171.9E	278	12 C
DEC 1 68	62.3S	177.2E	287	14 C	61.3S	176.8W	290	17 C	60.1S	169.8W	290	20 D	58.7S	162.0W	287	23 D
DEC 2 68	57.5S	153.2W	282	26 D	56.6S	143.5W	278	29 C	55.9S	132.8W	275	32 C	55.6S	121.4W	272	34 C
DEC 3 68	55.4S	109.5W	270	36 C	55.4S	97.1W	270	36 C	55.2S	84.8W	274	35 C	54.3S	73.2W	282	34 C
DEC 4 68	52.2S	62.8W	295	33 B	48.9S	54.1W	306	34 A	44.8S	46.4W	308	35 A	40.8S	39.0W	302	35 A
DEC 5 68	37.8S	31.0W	288	36 B	36.4S	21.9W	275	40 B	36.4S	11.9W	267	43 C	37.3S	1.4W	262	44 B
DEC 6 68	38.6S	9.4E	261	44 B	39.9S	20.0E	261	42 A	41.1S	30.4E	261	40 A	42.2S	40.6E	262	39 B
DEC 7 68	43.1S	50.6E	263	37 B	43.9S	60.4E	265	36 C	44.4S	69.9E	266	35 C	44.9S	79.3E	267	34 C
DEC 8 68	45.2S	88.6E	268	33 D	45.3S	97.7E	269	33 D	45.4S	106.8E	270	33 D	45.4S	115.8E	270	32 C
DEC 9 68	45.3S	124.8E	271	32 C	45.2S	133.8E	272	33 C	44.9S	142.8E	272	33 B	44.7S	151.8E	272	33 B
DEC 10 68	44.4S	160.9E	272	34 A	44.2S	170.1E	272	34 A	43.9S	179.4E	272	35 B	43.6S	171.3W	272	35 B
DEC 11 68	43.3S	161.8W	272	35 C	43.0S	152.4W	272	36 C	42.8S	142.8W	272	36 C	42.5S	133.3W	272	36 D
DEC 12 68	42.3S	123.7W	272	37 D	42.1S	114.1W	271	37 D	42.0S	104.5W	271	37 D	41.8S	94.8W	271	37 D
DEC 13 68	41.7S	85.3W	271	37 D	41.7S	75.7W	270	37 D	41.7S	66.2W	270	36 D	41.7S	56.7W	269	36 D
DEC 14 68	41.8S	47.3W	269	36 D	42.0S	38.0W	268	36 D	42.2S	28.7W	268	35 D	42.5S	19.6W	267	35 D
DEC 15 68	42.9S	10.5W	266	34 C	43.3S	1.5W	266	33 C	43.9S	7.3E	265	33 C	44.5S	16.0E	264	32 B
DEC 16 68	45.2S	24.5E	263	31 B	46.0S	32.9E	262	30 A	46.9S	41.1E	260	29 A	47.9S	49.1E	259	28 B
DEC 17 68	49.0S	57.0E	258	27 B	50.2S	64.7E	256	26 C	51.4S	72.1E	255	25 C	52.7S	79.5E	253	23 C
DEC 18 68	54.0S	86.6E	252	22 D	55.3S	93.5E	251	21 D	56.7S	100.2E	249	20 D	58.1S	106.8E	248	19 D
DEC 19 68	59.5S	113.1E	247	18 D	60.8S	119.2E	245	17 D	62.2S	125.1E	244	16 D	63.5S	130.9E	243	14 C
DEC 20 68	64.7S	136.4E	242	13 C	65.9S	141.6E	241	12 C	67.0S	146.7E	241	11 B	68.1S	151.6E	240	10 A
DEC 21 68	69.0S	156.2E	241	10 A	69.9S	160.6E	242	9 A	70.6S	164.8E	243	8 A	71.2S	168.7E	246	7 A
DEC 22 68	71.7S	172.4E	251	6 A	72.0S	175.9E	257	5 A	72.2S	179.1E	265	5 A	72.2S	177.9W	274	5 A
DEC 23 68	72.1S	175.1W	285	4 A	71.8S	172.6W	295	4 A	71.4S	170.1W	303	5 A	70.8S	167.9W	309	5 A
DEC 24 68	70.2S	165.7W	313	5 A	69.5S	163.6W	316	5 A	68.7S	161.5W	317	6 A	67.9S	159.4W	317	6 A
DEC 25 68	67.0S	157.4W	317	6 A	66.2S	155.2W	315	6 A	65.3S	153.1W	313	7 B	64.4S	150.8W	310	7 A
DEC 26 68	63.6S	148.3W	307	7 A	62.8S	145.8W	303	7 A	62.0S	143.1W	300	8 B	61.3S	140.2W	297	8 C
DEC 27 68	60.6S	137.2W	294	9 C	59.9S	134.0W	292	9 C	59.3S	130.8W	290	9 C	58.7S	127.4W	288	10 D
DEC 28 68	58.2S	123.8W	286	10 D	57.6S	120.1W	284	11 D	57.1S	116.3W	283	11 D	56.7S	112.4W	282	11 D
DEC 29 68	56.2S	108.4W	280	12 D	55.8S	104.2W	279	12 D	55.5S	99.9W	278	13 D	55.1S	95.5W	277	13 D
DEC 30 68	54.8S	91.0W	277	14 D	54.5S	86.4W	276	14 D	54.3S	81.7W	275	14 D	54.0S	76.9W	275	15 D
DEC 31 68	53.8S	72.0W	274	15 D	53.6S	67.0W	273	15 D	53.4S	61.9W	273	16 D	53.3S	56.7W	272	16 D
JAN 1 69	53.2S	51.4W	272	16 C	53.1S	46.1W	272	17 C	53.0S	40.6W	271	17 C	52.9S	35.1W	271	17 B
JAN 2 69	52.9S	29.5W	271	18 B	52.9S	23.8W	270	18 A	52.9S	18.1W	270	18 A	52.9S	12.3W	270	18 B
JAN 3 69	52.9S	6.4W	269	18 B	52.9S	.4W	269	19 C	53.0S	5.6E	269	19 C	53.1S	11.6E	269	19 C
JAN 4 69	53.2S	17.8E	269	19 D	53.3S	24.0E	268	19 D	53.4S	30.2E	268	19 D	53.5S	36.5E	268	19 D
JAN 5 69	53.6S	42.8E	268	19 D	53.8S	49.2E	268	19 D	53.9S	55.6E	268	20 D	54.1S	62.1E	268	20 D
JAN 6 69	54.2S	68.6E	267	20 C	54.4S	75.2E	267	20 C	54.6S	81.7E	267	20 C	54.8S	88.3E	267	20 B
JAN 7 69	54.9S	95.0E	267	20 A	55.1S	101.7E	267	20 A	55.3S	108.4E	267	20 B	55.5S	115.1E	267	20 B
JAN 8 69	55.7S	121.8E	267	20 C	55.9S	128.6E	267	20 C	56.1S	135.4E	267	19 C	56.3S	142.2E	267	19 D
JAN 9 69	56.5S	149.0E	267	19 D	56.7S	155.8E	267	19 D	56.9S	162.6E	267	19 D	57.1S	169.4E	267	19 D
JAN 10 69	57.3S	176.2E	267	19 D	57.4S	177.0W	267	19 D	57.6S	170.2W	267	19 D	57.8S	163.4W	267	19 D
JAN 11 69	57.9S	156.6W	268	19 D	58.1S	149.8W	268	18 D	58.2S	143.0W	268	18 C	58.3S	136.3W	268	18 C
JAN 12 69	58.5S	129.6W	268	18 C	58.6S	122.9W	268	18 B	58.7S	116.3W	268	18 B	58.8S	109.6W	269	18 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 160B

00 GMT					06 GMT					12 GMT					18 GMT					
			MPS	R				MPS	R				MPS	R				MPS	R	
JAN 13 69	58.8S	103.0W	269	18	A	58.9S	96.5W	269	17	B	58.9S	90.0W	269	17	B	59.0S	83.5W	270	17	C
JAN 14 69	59.0S	77.0W	270	17	C	59.0S	70.7W	270	17	C	59.0S	64.3W	271	17	C	58.9S	58.0W	271	17	C
JAN 15 69	58.9S	51.8W	271	17	C	58.8S	45.6W	272	16	C	58.7S	39.5W	272	16	C	58.6S	33.4W	272	16	D
JAN 16 69	58.4S	27.4W	273	16	C	58.3S	21.5W	273	16	C	58.1S	15.6W	274	16	C	57.9S	9.8W	274	16	B
JAN 17 69	57.6S	4.1W	275	16	B	57.4S	1.6E	275	16	A	57.1S	7.1E	276	16	A	56.8S	12.6E	276	15	A
JAN 18 69	56.4S	18.1E	277	15	B	56.1S	23.4E	277	15	A	55.7S	28.7E	278	15	A	55.3S	33.9E	278	15	B
JAN 19 69	54.9S	39.0E	279	15	B	54.4S	44.1E	279	15	C	53.9S	49.1E	279	15	C	53.4S	54.0E	280	15	C
JAN 20 69	52.9S	58.9E	280	15	D	52.4S	63.7E	280	15	D	51.9S	68.5E	281	15	D	51.3S	73.3E	281	15	D
JAN 21 69	50.7S	78.0E	281	16	D	50.2S	82.6E	281	16	D	49.6S	87.3E	281	16	D	49.0S	91.8E	282	16	D
JAN 22 69	48.3S	96.4E	282	16	D	47.7S	100.9E	282	16	D	47.1S	105.4E	282	16	D	46.4S	109.9E	282	16	D
JAN 23 69	45.8S	114.3E	282	16	D	45.1S	118.7E	282	16	D	44.5S	123.2E	282	17	D	43.8S	127.6E	282	17	D
JAN 24 69	43.2S	131.9E	282	17	D	42.5S	136.3E	282	17	D	41.8S	140.7E	281	17	D	41.2S	145.1E	281	17	D
JAN 25 69	40.5S	149.4E	281	17	D	39.9S	153.8E	281	18	D	39.2S	158.2E	281	18	D	38.6S	162.6E	281	18	D
JAN 26 69	37.9S	167.0E	280	18	D	37.3S	171.4E	280	18	D	36.7S	175.9E	280	19	D	36.1S	179.7W	280	19	D
JAN 27 69	35.4S	175.2W	279	19	C	34.8S	170.7W	279	19	C	34.3S	166.1W	279	20	C	33.7S	161.6W	278	20	C
JAN 28 69	33.1S	157.0W	278	20	C	32.6S	152.3W	278	20	C	32.1S	147.6W	277	21	D	31.6S	142.9W	277	21	D
JAN 29 69	31.1S	138.2W	277	21	D	30.6S	133.3W	276	22	D	30.1S	128.5W	276	22	D	29.7S	123.5W	276	22	D
JAN 30 69	29.3S	118.6W	275	23	D	28.9S	113.5W	275	23	D	28.5S	108.4W	274	23	D	28.2S	103.2W	274	24	D
JAN 31 69	27.9S	98.0W	274	24	D	27.6S	92.7W	273	24	D	27.3S	87.3W	273	25	D	27.1S	81.9W	273	25	D
FEB 1 69	26.9S	76.3W	272	26	D	26.7S	70.7W	272	26	D	26.6S	65.0W	271	26	D	26.5S	59.2W	271	27	D
FEB 2 69	26.4S	53.3W	271	27	D	26.3S	47.3W	270	28	D	26.3S	41.3W	270	28	D	26.4S	35.1W	269	29	D
FEB 3 69	26.4S	28.8W	269	29	D	26.5S	22.5W	269	30	D	26.7S	16.0W	268	30	D	26.9S	9.4W	268	31	D
FEB 4 69	27.1S	2.7W	268	31	D	27.4S	4.2E	267	31	D	27.7S	11.1E	267	32	D	28.0S	18.2E	267	32	D
FEB 5 69	28.5S	25.4E	266	33	D	28.9S	32.7E	266	33	D	29.4S	40.1E	265	34	D	30.0S	47.7E	265	34	D
FEB 6 69	30.5S	55.4E	265	35	D	31.2S	63.3E	264	35	D	31.9S	71.3E	264	35	D	32.6S	79.4E	264	36	C
FEB 7 69	33.4S	87.7E	263	36	C	34.3S	96.2E	262	37	C	35.3S	104.8E	262	37	B	36.3S	113.5E	262	37	B
FEB 8 69	37.2S	122.4E	263	37	A	38.1S	131.3E	263	37	A	38.9S	140.3E	264	36	B	39.5S	149.4E	265	36	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 161A

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
OCT 18 68	33.4S	147.5W	232	45 A	38.4S	139.5W	233	39 A	42.5S	131.9W	236	33 B	45.7S	124.9W	240	29 B
OCT 19 68	48.1S	118.2W	245	25 C	49.7S	111.8W	252	22 C	50.7S	105.7W	260	20 C	51.0S	99.9W	269	19 C
OCT 20 68	50.8S	94.2W	277	18 B	50.2S	88.7W	284	19 B	49.2S	83.3W	289	19 A	47.8S	77.9W	292	20 A
OCT 21 68	46.3S	72.4W	294	21 B	44.6S	66.9W	294	22 B	42.8S	61.3W	294	24 C	40.9S	55.5W	292	25 C
OCT 22 68	39.1S	49.5W	290	26 C	37.4S	43.2W	287	28 C	36.0S	36.6W	284	29 C	34.8S	29.6W	279	31 C
OCT 23 68	34.1S	22.1W	274	33 B	34.0S	14.1W	269	35 B	34.2S	5.5W	267	37 A	34.8S	3.4E	265	39 A
OCT 24 68	35.5S	12.8E	265	40 B	36.2S	22.5E	265	41 A	36.8S	32.4E	267	41 A	37.1S	42.4E	269	41 A
OCT 25 68	37.0S	52.5E	272	41 B	36.5S	62.5E	275	41 C	35.7S	72.4E	277	42 C	34.6S	82.2E	278	42 C
OCT 26 68	33.5S	91.9E	278	42 C	32.5S	101.5E	277	42 D	31.7S	110.9E	275	41 C	31.1S	120.2E	273	40 C
OCT 27 68	31.0S	129.2E	269	39 C	31.3S	138.0E	265	38 B	32.2S	146.5E	260	37 B	33.8S	154.8E	254	36 A
OCT 28 68	36.2S	162.7E	245	35 A	39.5S	170.3E	238	35 A	43.2S	177.4E	233	32 B	47.0S	176.0W	229	29 A
OCT 29 68	50.4S	170.1W	229	24 A	53.0S	165.0W	232	19 A	54.9S	160.6W	238	14 B	56.0S	156.8W	247	11 C
OCT 30 68	56.6S	153.5W	262	9 C	56.5S	150.6W	281	8 C	56.0S	148.1W	299	8 C	55.0S	145.7W	312	9 D
OCT 31 68	53.7S	143.5W	319	10 D	52.0S	141.3W	323	12 D	50.1S	139.0W	324	13 D	48.0S	136.6W	322	14 D
NOV 1 68	45.7S	134.0W	319	16 D	43.4S	130.9W	315	17 C	41.1S	127.5W	309	19 C	38.8S	123.5W	303	21 C
NOV 2 68	36.7S	118.8W	297	23 B	34.8S	113.5W	291	26 B	33.1S	107.2W	286	30 A	31.7S	100.2W	281	34 A
NOV 3 68	30.6S	92.1W	277	38 A	29.8S	83.1W	275	43 B	29.3S	73.2W	273	47 A	28.9S	62.4W	271	50 A
NOV 4 68	28.8S	50.9W	271	53 B	28.7S	38.8W	270	56 C	28.7S	26.2W	270	58 C	28.8S	13.2W	269	60 C
NOV 5 68	29.0S	.2E	269	61 C	29.3S	13.8E	268	61 D	29.7S	27.6E	268	62 D	30.1S	41.3E	268	61 D
NOV 6 68	30.5S	55.0E	268	61 D	30.9S	68.6E	268	59 D	31.4S	81.8E	268	58 C	31.8S	94.7E	267	55 C
NOV 7 68	32.3S	107.1E	267	53 C	32.9S	119.0E	267	50 C	33.2S	130.2E	269	47 B	33.2S	140.9E	272	45 B
NOV 8 68	32.5S	151.0E	277	43 A	31.0S	160.6E	282	42 A	29.1S	169.7E	285	41 B	27.1S	178.4E	284	40 B
NOV 9 68	25.4S	173.2W	280	39 C	24.5S	165.0W	274	38 B	24.4S	156.8W	267	38 B	25.3S	148.5W	259	40 A
NOV 10 68	27.5S	139.9W	251	43 A	30.7S	130.8W	246	46 B	34.5S	121.1W	246	47 A	37.8S	110.7W	251	46 A
NOV 11 68	40.0S	99.6W	262	46 B	40.3S	87.8W	273	47 B	39.1S	75.8W	281	48 A	37.0S	64.3W	285	47 A
NOV 12 68	34.5S	53.9W	287	43 A	32.1S	45.0W	288	37 B	30.0S	37.6W	288	32 A	28.3S	31.4W	286	27 A
NOV 13 68	27.1S	26.0W	282	23 B	26.4S	21.3W	277	21 C	26.0S	17.1W	274	19 C	25.8S	12.9W	272	19 C
NOV 14 68	25.6S	8.8W	274	20 C	25.3S	4.4W	276	21 D	24.8S	.1E	277	22 D	24.3S	4.7E	277	22 D
NOV 15 68	23.8S	9.2E	277	21 D	23.3S	13.5E	276	20 D	23.0S	17.7E	275	20 D	22.7S	21.7E	274	19 D
NOV 16 68	22.4S	25.8E	274	19 D	22.1S	29.8E	274	19 D	21.9S	33.7E	274	19 D	21.6S	37.7E	274	19 D
NOV 17 68	21.4S	41.6E	273	19 D	21.2S	45.4E	273	18 D	21.0S	49.2E	272	18 D	20.9S	52.9E	272	18 D
NOV 18 68	20.8S	56.6E	272	18 D	20.7S	60.2E	271	17 D	20.6S	63.8E	271	17 D	20.5S	67.3E	271	17 D
NOV 19 68	20.5S	70.8E	270	17 D	20.5S	74.3E	270	17 D	20.5S	77.7E	270	16 D	20.5S	81.1E	269	16 D
NOV 20 68	20.6S	84.5E	269	16 D	20.6S	87.8E	269	16 D	20.7S	91.0E	268	16 D	20.8S	94.3E	268	16 D
NOV 21 68	20.9S	97.5E	268	15 D	21.0S	100.7E	268	15 D	21.1S	103.8E	267	15 D	21.3S	106.9E	267	15 D
NOV 22 68	21.4S	110.0E	267	15 D	21.6S	113.1E	266	15 D	21.8S	116.1E	266	14 D	22.0S	119.2E	266	14 D
NOV 23 68	22.2S	122.2E	265	14 D	22.5S	125.1E	265	14 D	22.7S	128.1E	265	14 D	23.0S	131.0E	265	14 D
NOV 24 68	23.2S	133.9E	264	14 D	23.5S	136.8E	264	14 D	23.8S	139.7E	264	14 D	24.1S	142.5E	264	13 D
NOV 25 68	24.3S	145.4E	263	13 D	24.7S	148.2E	263	13 D	25.0S	151.0E	263	13 D	25.3S	153.8E	263	13 D
NOV 26 68	25.6S	156.6E	262	13 D	26.0S	159.4E	262	13 D	26.3S	162.2E	262	13 D	26.7S	165.0E	262	13 D
NOV 27 68	27.0S	167.8E	263	13 D	27.3S	170.5E	263	13 D	27.6S	173.3E	262	13 D	27.9S	176.1E	260	13 D
NOV 28 68	28.4S	178.8E	257	13 D	29.0S	178.4W	254	13 D	29.8S	175.6W	252	13 D	30.5S	172.9W	251	13 D
NOV 29 68	31.3S	170.1W	252	13 D	32.1S	167.3W	252	13 D	32.8S	164.5W	253	13 D	33.6S	161.7W	253	13 D
NOV 30 68	34.3S	158.9W	253	12 D	35.0S	156.1W	253	12 D	35.7S	153.3W	253	12 C	36.4S	150.5W	252	12 C

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



200MB GHOST BALLOON 161A

		00 GMT				06 GMT				12 GMT				18 GMT						
		MPS		R	MPS		R	MPS		R	MPS		R	MPS		R				
DEC 1 68	37.2S	147.6W	252	12	C	37.9S	144.8W	252	12	C	38.6S	141.9W	252	12	C	39.3S	139.1W	252	12	C
DEC 2 68	40.0S	136.2W	252	12	D	40.8S	133.3W	252	12	D	41.5S	130.5W	252	12	D	42.2S	127.6W	251	12	D
DEC 3 68	42.9S	124.7W	251	11	D	43.6S	121.8W	251	11	D	44.3S	118.9W	251	11	D	45.1S	116.0W	251	11	D
DEC 4 68	45.8S	113.1W	251	11	D	46.5S	110.2W	250	11	D	47.2S	107.3W	250	11	D	47.9S	104.4W	250	11	D
DEC 5 68	48.6S	101.5W	250	11	D	49.3S	98.6W	250	10	D	50.0S	95.6W	250	10	D	50.7S	92.7W	250	10	D
DEC 6 68	51.4S	89.8W	250	10	D	52.1S	86.8W	249	10	D	52.7S	83.9W	249	10	D	53.4S	80.9W	249	10	D
DEC 7 68	54.1S	78.0W	249	10	D	54.7S	75.0W	249	9	D	55.4S	72.1W	249	9	D	56.0S	69.1W	249	9	D
DEC 8 68	56.7S	66.1W	249	9	D	57.3S	63.2W	249	9	D	57.9S	60.2W	248	9	D	58.6S	57.2W	248	9	D
DEC 9 68	59.2S	54.2W	248	8	D	59.8S	51.2W	248	8	D	60.4S	48.3W	248	8	D	61.0S	45.3W	248	8	D
DEC 10 68	61.5S	42.3W	248	8	D	62.1S	39.3W	248	8	D	62.7S	36.3W	248	8	D	63.2S	33.3W	248	8	D
DEC 11 68	63.8S	30.3W	248	7	D	64.3S	27.3W	248	7	D	64.8S	24.2W	248	7	D	65.3S	21.2W	248	7	D
DEC 12 68	65.8S	18.2W	248	7	D	66.3S	15.2W	248	7	D	66.8S	12.2W	248	7	D	67.3S	9.1W	249	6	D
DEC 13 68	67.7S	6.1W	249	6	D	68.1S	3.1W	249	6	D	68.6S	.0W	249	6	D	69.0S	3.0E	250	6	D
DEC 14 68	69.4S	6.0E	250	6	D	69.8S	9.1E	250	6	D	70.1S	12.1E	251	6	D	70.5S	15.2E	251	6	D
DEC 15 68	70.8S	18.2E	251	5	D	71.2S	21.3E	252	5	D	71.5S	24.3E	253	5	D	71.8S	27.4E	253	5	D
DEC 16 68	72.1S	30.4E	254	5	D	72.3S	33.5E	254	5	D	72.6S	36.6E	255	5	D	72.8S	39.6E	256	5	D
DEC 17 68	73.0S	42.7E	257	5	D	73.2S	45.8E	258	5	D	73.4S	48.8E	259	5	D	73.6S	51.9E	260	5	D
DEC 18 68	73.7S	55.0E	261	4	D	73.9S	58.1E	262	4	D	74.0S	61.1E	263	4	D	74.1S	64.2E	265	4	D
DEC 19 68	74.1S	67.3E	266	4	D	74.2S	70.4E	267	4	D	74.2S	73.4E	268	4	D	74.2S	76.5E	270	4	D
DEC 20 68	74.2S	79.6E	271	4	D	74.2S	82.7E	273	4	D	74.1S	85.8E	274	4	D	74.1S	88.9E	275	4	D
DEC 21 68	74.0S	92.0E	277	4	D	73.9S	95.0E	278	4	D	73.7S	98.1E	280	5	D	73.6S	101.2E	281	5	D
DEC 22 68	73.4S	104.3E	282	5	D	73.2S	107.4E	283	5	D	73.0S	110.5E	285	5	D	72.7S	113.6E	286	5	D
DEC 23 68	72.4S	116.7E	287	5	D	72.1S	119.8E	288	5	D	71.8S	122.9E	289	5	D	71.5S	126.0E	290	5	D
DEC 24 68	71.1S	129.1E	290	6	D	70.7S	132.2E	291	6	D	70.3S	135.3E	292	6	D	69.8S	138.4E	294	6	C
DEC 25 68	69.4S	141.5E	296	6	C	68.8S	144.4E	297	6	C	68.3S	147.5E	295	7	C	67.8S	150.7E	290	7	C
DEC 26 68	67.4S	154.4E	283	8	C	67.1S	158.5E	277	9	C	66.9S	163.1E	273	10	C	66.9S	168.1E	269	11	C
DEC 27 68	67.0S	173.5E	267	11	C	67.1S	179.2E	265	12	D	67.3S	175.1W	265	11	D	67.4S	169.5W	267	11	D
DEC 28 68	67.5S	164.3W	271	10	D	67.3S	159.8W	278	8	D	67.0S	156.1W	291	7	C	66.3S	153.5W	314	6	C
DEC 29 68	65.4S	152.1W	346	6	C	64.0S	152.2W	14	8	B	62.2S	153.9W	31	12	B	59.8S	157.5W	41	18	A
DEC 30 68	57.0S	163.0W	49	25	A	53.6S	170.5W	54	31	B	49.9S	179.1W	56	35	B	46.3S	172.4E	58	34	A
DEC 31 68	42.9S	165.0E	57	29	A	40.1S	159.7E	52	21	A	37.9S	156.5E	42	14	B	36.2S	155.2E	14	7	B
JAN 1 69	35.1S	155.6E	312	7	C	34.4S	157.6E	281	12	B	34.2S	160.9E	270	17	B	34.4S	165.3E	265	21	A
JAN 2 69	34.9S	170.6E	261	24	A	35.8S	176.6E	259	27	B	36.9S	176.9W	257	28	B	38.2S	170.3W	255	28	A
JAN 3 69	39.6S	163.8W	253	26	A	41.1S	157.7W	252	24	B	42.5S	152.2W	249	21	B	43.9S	147.5W	246	17	C
JAN 4 69	45.1S	144.0W	241	12	C	46.1S	141.8W	227	7	C	46.9S	141.3W	154	3	C	47.3S	142.7W	97	9	C
JAN 5 69	47.2S	146.3W	85	17	C	46.7S	152.3W	81	26	B	45.7S	161.0W	79	37	B	44.0S	172.6W	78	50	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 1916

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
MAR 19 69	42.9S	176.5E	281	32 A	41.8S	175.1W	280	33 A	40.7S	166.6W	279	34 B	39.7S	158.1W	278	34 B
MAR 20 69	38.8S	149.5W	277	35 C	38.0S	140.9W	277	35 C	37.3S	132.3W	276	36 C	36.6S	123.7W	275	36 D
MAR 21 69	36.0S	115.0W	275	36 D	35.4S	106.4W	274	36 D	35.0S	97.8W	274	36 D	34.5S	89.1W	273	37 D
MAR 22 69	34.2S	80.5W	273	37 D	33.9S	71.8W	272	37 D	33.6S	63.1W	272	37 D	33.4S	54.4W	271	38 D
MAR 23 69	33.3S	45.6W	271	38 D	33.2S	36.9W	271	38 D	33.1S	28.1W	270	38 D	33.1S	19.4W	270	38 D
MAR 24 69	33.2S	10.6W	269	38 D	33.3S	1.8W	269	38 D	33.4S	7.0E	269	38 D	33.6S	15.9E	269	38 D
MAR 25 69	33.8S	24.7E	268	38 D	34.0S	33.5E	268	38 D	34.3S	42.4E	268	38 D	34.6S	51.3E	268	38 D
MAR 26 69	34.9S	60.2E	267	38 D	35.2S	69.1E	267	37 D	35.6S	78.0E	267	37 D	36.0S	86.9E	267	37 D
MAR 27 69	36.4S	95.8E	267	37 D	36.9S	104.8E	266	37 D	37.3S	113.7E	266	37 D	37.8S	122.7E	266	37 D
MAR 28 69	38.3S	131.7E	266	36 D	38.8S	140.7E	266	36 D	39.3S	149.7E	266	36 D	39.8S	158.7E	266	36 D
MAR 29 69	40.3S	167.7E	266	36 D	40.8S	176.8E	266	35 D	41.3S	174.2W	266	35 D	41.9S	165.1W	266	35 D
MAR 30 69	42.4S	156.0W	266	35 D	42.9S	147.0W	266	34 D	43.4S	137.9W	266	34 D	43.9S	128.8W	266	34 D
MAR 31 69	44.4S	119.7W	266	34 D	44.8S	110.5W	266	34 D	45.3S	101.3W	266	33 D	45.7S	92.2W	266	33 D
APR 1 69	46.1S	83.1W	266	33 D	46.5S	74.0W	266	32 D	46.9S	64.9W	267	32 D	47.3S	55.7W	267	32 D
APR 2 69	47.6S	46.5W	267	33 D	47.9S	37.0W	268	33 D	48.1S	27.6W	268	32 D	48.4S	18.2W	268	32 D
APR 3 69	48.6S	9.2W	268	30 C	48.7S	.5W	268	29 C	48.9S	8.1E	269	29 C	49.0S	16.9E	269	31 B
APR 4 69	49.0S	26.3E	270	33 B	49.0S	36.5E	271	36 A	48.9S	47.7E	271	39 A	48.7S	59.7E	272	43 B
APR 5 69	48.4S	72.8E	272	46 B	48.0S	86.7E	272	49 C	47.6S	101.2E	273	51 C	47.2S	116.0E	273	51 C
APR 6 69	46.7S	130.5E	273	51 C	46.2S	144.4E	273	48 B	45.7S	157.5E	273	45 B	45.2S	169.4E	274	41 A
APR 7 69	44.7S	179.8E	274	35 A	44.2S	171.4W	274	30 B	43.8S	163.9W	274	27 B	43.4S	157.0W	274	25 C
APR 8 69	43.1S	150.2W	274	26 C	42.8S	143.1W	273	28 C	42.5S	135.6W	273	29 D	42.2S	128.1W	272	29 D
APR 9 69	42.0S	120.5W	272	29 D	41.8S	113.0W	272	29 D	41.6S	105.6W	272	28 D	41.5S	98.2W	271	28 D
APR 10 69	41.3S	90.9W	271	28 D	41.2S	83.6W	271	28 D	41.2S	76.3W	271	28 D	41.1S	68.9W	270	28 D
APR 11 69	41.1S	61.6W	270	28 D	41.1S	54.3W	270	28 D	41.1S	47.0W	270	28 D	41.1S	39.7W	269	28 D
APR 12 69	41.2S	32.4W	269	28 D	41.3S	25.2W	269	28 D	41.4S	17.9W	269	28 D	41.5S	10.6W	269	28 D
APR 13 69	41.6S	3.4W	269	28 D	41.8S	3.8E	268	28 D	41.9S	11.1E	268	28 D	42.1S	18.3E	268	28 D
APR 14 69	42.3S	25.5E	268	27 D	42.5S	32.7E	268	27 D	42.7S	39.9E	268	27 D	42.9S	47.1E	267	27 D
APR 15 69	43.2S	54.3E	267	27 D	43.4S	61.5E	267	27 D	43.7S	68.6E	267	27 D	43.9S	75.8E	267	27 D
APR 16 69	44.2S	83.0E	267	26 D	44.5S	90.2E	267	26 D	44.8S	97.3E	267	26 D	45.1S	104.5E	267	26 D
APR 17 69	45.4S	111.6E	267	26 D	45.7S	118.8E	267	26 D	46.0S	125.9E	267	26 D	46.3S	133.1E	266	25 D
APR 18 69	46.6S	140.2E	266	25 D	46.9S	147.4E	266	25 D	47.2S	154.5E	266	25 D	47.5S	161.7E	266	25 D
APR 19 69	47.8S	168.8E	266	25 D	48.1S	176.0E	266	25 D	48.4S	176.9W	266	24 D	48.7S	169.8W	267	24 D
APR 20 69	48.9S	162.6W	267	24 D	49.2S	155.5W	267	24 D	49.5S	148.3W	267	24 D	49.8S	141.2W	267	24 D
APR 21 69	50.0S	134.0W	267	24 D	50.3S	126.8W	267	24 D	50.5S	119.7W	267	23 D	50.7S	112.5W	267	23 D
APR 22 69	51.0S	105.4W	267	23 D	51.2S	98.2W	267	23 D	51.4S	91.0W	268	23 D	51.5S	83.8W	268	23 D
APR 23 69	51.7S	76.6W	268	23 D	51.9S	69.4W	268	23 D	52.0S	62.2W	268	23 D	52.1S	55.0W	269	23 D
APR 24 69	52.2S	47.8W	269	23 D	52.3S	40.6W	269	23 D	52.4S	33.4W	269	23 D	52.4S	26.1W	270	23 D
APR 25 69	52.4S	18.9W	270	23 D	52.4S	11.7W	270	23 D	52.4S	4.4W	270	23 D	52.4S	2.9E	271	23 D
APR 26 69	52.3S	10.1E	271	23 D	52.2S	17.4E	271	23 D	52.1S	24.7E	272	23 D	52.0S	32.0E	272	23 D
APR 27 69	51.8S	39.3E	272	23 D	51.6S	46.7E	273	24 D	51.4S	54.1E	273	24 D	51.2S	61.4E	273	24 D
APR 28 69	50.9S	68.7E	274	24 D	50.6S	76.0E	274	24 D	50.2S	83.3E	274	24 D	49.9S	90.7E	275	25 D
APR 29 69	49.4S	98.3E	275	26 D	49.0S	106.0E	275	26 D	48.5S	113.8E	276	26 D	48.0S	121.3E	276	25 C
APR 30 69	47.5S	128.3E	277	23 C	46.9S	134.6E	278	22 C	46.3S	141.1E	278	24 B	45.6S	148.4E	277	29 B
MAY 1 69	44.9S	157.5E	276	38 A	44.2S	168.8E	275	44 A	43.6S	179.4W	273	43 B	43.3S	169.1W	271	33 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 191G

		00 GMT				06 GMT				12 GMT				18 GMT			
		MPS	R			MPS	R			MPS	R			MPS	R		
MAY	2 69	43.4S	162.2W	263	16 A	44.0S	160.3W	176	4 B	45.0S	161.6W	125	10 B	46.2S	164.1W	128	10 A
MAY	3 69	47.4S	165.4W	181	6 A	48.4S	163.9W	244	11 B	49.3S	160.0W	255	16 B	50.1S	155.0W	258	18 C
MAY	4 69	50.8S	149.8W	256	16 C	51.5S	145.3W	253	14 C	52.3S	141.6W	251	12 D	53.1S	138.1W	250	11 D
MAY	5 69	53.8S	134.6W	252	12 D	54.5S	130.9W	254	12 D	55.1S	126.9W	255	12 D	55.7S	122.8W	256	12 D
MAY	6 69	56.3S	118.6W	256	12 D	56.9S	114.5W	256	12 D	57.4S	110.4W	256	12 D	58.0S	106.3W	257	11 D
MAY	7 69	58.5S	102.2W	257	11 D	58.9S	98.0W	258	11 D	59.4S	93.8W	259	11 D	59.8S	89.5W	259	11 D
MAY	8 69	60.2S	85.2W	260	11 D	60.6S	80.9W	260	11 D	60.9S	76.6W	261	11 D	61.2S	72.2W	262	11 D
MAY	9 69	61.5S	67.8W	262	11 D	61.8S	63.4W	263	11 D	62.1S	59.0W	263	11 D	62.3S	54.5W	264	11 D
MAY	10 69	62.5S	50.0W	265	11 D	62.7S	45.5W	265	11 D	62.9S	40.9W	266	11 D	63.0S	36.4W	266	11 D
MAY	11 69	63.1S	31.8W	267	11 D	63.2S	27.1W	267	11 D	63.3S	22.5W	268	11 D	63.4S	17.8W	269	11 D
MAY	12 69	63.4S	13.2W	269	11 D	63.4S	8.5W	270	11 D	63.4S	3.7W	270	11 D	63.4S	1.0E	271	11 D
MAY	13 69	63.4S	5.8E	271	11 D	63.3S	10.6E	272	11 D	63.2S	15.4E	272	11 D	63.1S	20.2E	273	11 D
MAY	14 69	63.0S	25.1E	273	11 D	62.9S	29.9E	274	11 D	62.7S	34.8E	274	12 D	62.6S	39.7E	275	12 D
MAY	15 69	62.4S	44.6E	275	12 D	62.2S	49.6E	275	12 D	62.0S	54.5E	276	12 D	61.7S	59.5E	276	12 D
MAY	16 69	61.5S	64.5E	276	12 D	61.2S	69.5E	277	12 D	60.9S	74.5E	277	13 D	60.6S	79.5E	277	13 D
MAY	17 69	60.3S	84.6E	277	13 D	59.9S	89.6E	278	13 D	59.6S	94.7E	278	13 D	59.2S	99.8E	278	14 D
MAY	18 69	58.9S	104.9E	278	14 D	58.5S	110.0E	279	14 D	58.0S	115.1E	279	14 D	57.6S	120.2E	279	14 D
MAY	19 69	57.2S	125.3E	279	15 D	56.7S	130.5E	279	15 D	56.3S	135.7E	279	15 D	55.8S	140.8E	279	15 D
MAY	20 69	55.3S	146.0E	280	15 D	54.8S	151.2E	280	16 D	54.3S	156.4E	280	16 D	53.8S	161.6E	280	16 D
MAY	21 69	53.2S	166.8E	280	16 D	52.7S	172.0E	280	17 D	52.1S	177.2E	280	17 D	51.5S	177.5W	280	17 D
MAY	22 69	51.0S	172.3W	280	17 D	50.4S	167.1W	280	17 D	49.8S	161.8W	280	18 D	49.1S	156.6W	280	18 D
MAY	23 69	48.5S	151.3W	280	18 D	47.9S	146.1W	280	18 D	47.2S	140.8W	280	19 D	46.6S	135.6W	280	19 D
MAY	24 69	45.9S	130.3W	280	19 D	45.3S	125.0W	280	19 D	44.6S	119.7W	280	20 D	43.9S	114.4W	280	20 D
MAY	25 69	43.2S	109.1W	280	20 D	42.5S	103.9W	280	20 C	41.8S	98.7W	280	20 C	41.1S	93.5W	280	21 C
MAY	26 69	40.3S	88.3W	280	21 B	39.6S	83.0W	280	21 B	38.9S	77.7W	280	22 A	38.1S	72.1W	280	23 A
MAY	27 69	37.3S	66.3W	280	25 B	36.5S	60.0W	279	27 B	35.6S	53.4W	279	29 C	34.7S	46.5W	279	30 C
MAY	28 69	33.9S	39.3W	278	32 C	33.0S	31.9W	278	33 D	32.2S	24.2W	277	34 D	31.3S	16.4W	277	35 D
MAY	29 69	30.6S	8.4W	276	36 D	29.8S	.3W	276	37 D	29.1S	7.9E	275	37 D	28.5S	16.3E	275	38 D
MAY	30 69	28.0S	24.7E	274	38 D	27.5S	33.1E	273	39 D	27.1S	41.6E	273	39 D	26.8S	50.0E	272	39 D
MAY	31 69	26.6S	58.4E	271	38 D	26.6S	66.7E	270	38 D	26.6S	74.9E	269	38 D	26.8S	83.1E	268	37 C
JUN	1 69	27.1S	91.1E	267	37 C	27.6S	99.0E	266	36 C	28.2S	106.6E	264	34 B	29.0S	114.0E	262	33 B
JUN	2 69	30.1S	121.1E	259	31 A	31.3S	127.8E	257	30 A	32.6S	134.6E	258	32 B	33.8S	142.2E	261	35 B
JUN	3 69	34.8S	151.2E	264	42 A	35.4S	161.9E	268	49 A	35.7S	174.4E	270	55 B	35.6S	171.7W	271	61 B
JUN	4 69	35.2S	156.5W	272	66 C	34.5S	140.5W	273	70 C	33.7S	123.9W	274	72 C	32.8S	107.1W	274	72 C
JUN	5 69	31.9S	90.6W	274	71 B	30.9S	74.6W	274	69 B	30.1S	59.4W	274	66 A	29.3S	45.2W	273	62 A
JUN	6 69	28.6S	32.1W	273	56 B	28.1S	20.3W	272	51 B	27.8S	9.6W	272	46 C	27.6S	.0E	271	42 C
JUN	7 69	27.4S	8.8E	271	38 C	27.4S	16.8E	270	35 C	27.4S	24.3E	270	33 C	27.5S	31.3E	269	31 B
JUN	8 69	27.6S	37.9E	269	29 B	27.7S	44.2E	268	28 A	27.9S	50.3E	268	27 A	28.0S	56.2E	268	27 B
JUN	9 69	28.2S	62.1E	268	26 B	28.4S	67.8E	268	26 C	28.5S	73.5E	268	26 C	28.7S	79.2E	268	25 C
JUN	10 69	28.9S	84.7E	268	25 D	29.0S	90.3E	268	25 D	29.2S	95.8E	268	25 D	29.3S	101.4E	269	25 D
JUN	11 69	29.4S	106.9E	269	25 D	29.5S	112.5E	269	25 D	29.5S	118.1E	270	25 C	29.5S	123.7E	270	25 C
JUN	12 69	29.5S	129.4E	270	26 C	29.5S	135.2E	271	26 C	29.4S	141.1E	271	26 C	29.3S	147.0E	271	27 C
JUN	13 69	29.1S	153.0E	272	27 D	28.9S	159.1E	272	27 D	28.8S	165.2E	272	28 D	28.6S	171.4E	272	28 D
JUN	14 69	28.3S	177.6E	272	28 D	28.1S	176.2W	272	28 D	27.9S	169.9W	273	29 D	27.6S	163.6W	273	29 D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 191G

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
JUN 15 69	27.4S	157.3W	273	29 D	27.1S	151.0W	273	29 D	26.9S	144.7W	272	29 D	26.6S	138.4W	272	29 D
JUN 16 69	26.4S	132.1W	272	29 D	26.2S	125.8W	272	29 D	26.0S	119.5W	272	29 D	25.8S	113.2W	272	29 D
JUN 17 69	25.6S	107.0W	272	29 C	25.5S	100.8W	271	29 C	25.4S	94.7W	271	28 C	25.3S	88.6W	271	28 C
JUN 18 69	25.3S	82.5W	270	28 C	25.2S	76.5W	270	28 C	25.3S	70.5W	270	28 D	25.3S	64.5W	269	28 D
JUN 19 69	25.4S	58.5W	269	28 D	25.6S	52.5W	268	28 D	25.7S	46.5W	268	28 D	26.0S	40.4W	268	28 D
JUN 20 69	26.2S	34.3W	267	28 D	26.5S	28.1W	267	29 D	26.9S	21.8W	266	29 D	27.2S	15.5W	266	29 D
JUN 21 69	27.7S	9.1W	266	30 C	28.2S	2.5W	265	30 C	28.7S	4.2E	265	31 C	29.2S	11.0E	264	31 B
JUN 22 69	29.9S	17.9E	264	32 B	30.6S	25.0E	263	32 A	31.3S	32.3E	263	33 A	32.1S	39.8E	263	33 B
JUN 23 69	32.8S	47.4E	263	34 B	33.6S	55.2E	263	34 C	34.3S	63.2E	264	35 C	35.0S	71.4E	265	35 C
JUN 24 69	35.6S	79.8E	266	36 C	36.1S	88.4E	267	36 C	36.4S	97.2E	268	37 B	36.5S	106.1E	270	38 B
JUN 25 69	36.5S	115.4E	271	39 A	36.2S	124.8E	273	40 A	35.6S	134.4E	274	40 B	35.0S	144.0E	275	41 B
JUN 26 69	34.1S	153.6E	276	41 C	33.2S	163.2E	277	41 C	32.3S	172.5E	277	40 B	31.3S	178.4W	277	39 B
JUN 27 69	30.3S	169.7W	277	38 A	29.5S	161.4W	277	36 A	28.7S	153.6W	276	35 B	28.0S	146.1W	276	34 C
JUN 28 69	27.4S	138.8W	275	33 C	26.9S	131.7W	274	32 C	26.6S	124.7W	273	32 C	26.3S	117.6W	272	33 D
JUN 29 69	26.2S	110.5W	271	33 D	26.1S	103.3W	270	34 C	26.2S	95.8W	269	35 C	26.5S	88.0W	268	37 C
JUN 30 69	26.8S	79.8W	267	39 B	27.3S	71.0W	266	41 B	28.0S	61.8W	265	44 A	28.8S	52.0W	265	46 A
JUL 1 69	29.7S	41.6W	264	48 B	30.7S	30.8W	264	49 B	31.7S	19.8W	264	49 C	32.8S	8.8W	264	47 C
JUL 2 69	33.7S	1.8E	264	45 B	34.6S	11.9E	264	42 A	35.3S	21.4E	265	38 A	35.9S	30.2E	266	35 B
JUL 3 69	36.3S	38.2E	267	32 B	36.6S	45.5E	268	29 C	36.7S	52.0E	269	26 C	36.7S	58.0E	271	24 C
JUL 4 69	36.6S	63.5E	272	22 D	36.4S	68.6E	273	20 D	36.1S	73.3E	274	19 D	35.9S	77.8E	275	18 D
JUL 5 69	35.6S	82.1E	275	18 D	35.2S	86.2E	276	17 D	34.9S	90.2E	275	17 D	34.6S	94.2E	275	17 C
JUL 6 69	34.3S	98.3E	274	18 C	34.1S	102.6E	273	18 C	34.0S	107.0E	272	20 B	33.9S	111.7E	270	21 B
JUL 7 69	34.0S	116.8E	268	23 A	34.2S	122.4E	267	25 A	34.5S	128.4E	267	26 B	34.7S	134.7E	268	27 B
JUL 8 69	34.8S	141.3E	270	29 C	34.8S	148.2E	272	30 C	34.6S	155.3E	272	31 B	34.3S	162.7E	272	32 A
JUL 9 69	34.2S	170.2E	271	33 A	34.1S	178.1E	270	34 A	34.1S	173.7W	271	36 B	33.9S	165.0W	273	38 A
JUL 10 69	33.4S	155.8W	276	41 A	32.4S	145.8W	278	45 B	31.0S	135.1W	278	49 B	29.6S	123.7W	278	54 C
JUL 11 69	28.4S	111.4W	276	58 B	27.4S	98.3W	274	61 B	26.9S	84.6W	271	64 A	26.8S	70.4W	269	66 A
JUL 12 69	27.3S	55.9W	267	67 A	28.3S	41.2W	264	67 B	29.7S	26.7W	263	64 A	31.4S	12.7W	262	61 A
JUL 13 69	33.1S	.5E	261	56 B	34.8S	12.7E	261	50 B	36.3S	23.9E	260	45 C	37.8S	34.3E	260	41 C
JUL 14 69	39.2S	44.0E	259	38 C	40.6S	53.1E	259	35 D	41.8S	61.7E	259	33 D	43.0S	69.8E	259	30 D
JUL 15 69	44.1S	77.4E	260	28 D	45.0S	84.7E	261	26 D	45.8S	91.7E	262	25 D	46.4S	98.5E	264	24 D
JUL 16 69	46.8S	105.1E	266	23 D	47.0S	111.6E	269	23 D	47.0S	118.1E	271	23 D	46.7S	124.7E	274	23 C
JUL 17 69	46.3S	131.3E	277	24 C	45.6S	138.1E	280	25 C	44.6S	145.1E	283	27 B	43.3S	152.5E	285	29 B
JUL 18 69	41.7S	160.2E	287	32 A	39.7S	168.4E	288	35 A	37.5S	177.0E	288	38 B	35.3S	174.0W	286	40 A
JUL 19 69	33.2S	164.8W	284	41 A	31.3S	155.4W	282	43 B	29.7S	145.8W	280	44 B	28.3S	136.1W	278	45 C
JUL 20 69	27.2S	126.2W	277	46 C	26.2S	116.2W	275	47 C	25.5S	106.0W	274	47 D	25.0S	95.8W	273	48 D
JUL 21 69	24.6S	85.4W	272	49 D	24.4S	75.0W	271	49 D	24.4S	64.5W	270	49 D	24.5S	53.9W	269	50 D
JUL 22 69	24.7S	43.3W	268	50 D	25.0S	32.7W	268	50 D	25.4S	22.0W	267	50 D	26.0S	11.4W	267	49 D
JUL 23 69	26.5S	.7W	266	49 D	27.2S	9.9E	266	49 D	27.9S	20.5E	266	48 D	28.6S	31.1E	265	48 D
JUL 24 69	29.4S	41.6E	265	47 D	30.2S	52.0E	265	46 D	30.9S	62.3E	265	46 D	31.7S	72.6E	265	45 D
JUL 25 69	32.4S	82.7E	265	44 D	33.1S	92.7E	266	43 D	33.7S	102.6E	266	42 D	34.3S	112.3E	266	41 C
JUL 26 69	34.8S	121.9E	267	40 C	35.1S	131.3E	267	39 C	35.4S	140.5E	268	38 B	35.6S	149.5E	269	37 B
JUL 27 69	35.6S	158.2E	270	36 A	35.5S	166.8E	272	35 A	35.2S	175.2E	273	35 B	34.9S	176.6W	273	35 B
JUL 28 69	34.4S	168.4W	274	35 C	33.9S	160.4W	274	35 C	33.4S	152.3W	275	35 C	32.8S	144.1W	275	36 D

RELIABILITY INDEX, R. RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 191G

		00 GMT				06 GMT				12 GMT				18 GMT			
		MPS	R			MPS	R			MPS	R			MPS	R		
JUL 29 69	32.3S 135.9W	274	36	D	31.8S 127.5W	274	37	C	31.3S 118.8W	273	38	C	31.0S 110.0W	272	40	C	
JUL 30 69	30.7S 100.8W	271	41	B	30.6S 91.3W	270	43	B	30.6S 81.3W	269	45	A	30.7S 71.0W	268	47	A	
JUL 31 69	31.1S 60.2W	267	49	B	31.6S 49.0W	267	50	B	32.2S 37.4W	266	51	C	33.0S 25.4W	265	52	C	
AUG 1 69	33.9S 13.2W	265	53	C	34.8S .9W	265	53	D	35.7S 11.7E	265	53	D	36.7S 24.3E	265	52	D	
AUG 2 69	37.6S 37.0E	265	52	D	38.4S 49.6E	265	51	D	39.2S 62.2E	266	50	D	39.9S 74.6E	266	49	D	
AUG 3 69	40.5S 86.8E	267	48	D	40.9S 98.8E	268	46	D	41.2S 110.5E	269	45	C	41.2S 121.9E	271	43	C	
AUG 4 69	41.0S 132.8E	272	42	C	40.6S 143.3E	274	40	B	39.8S 153.3E	277	39	B	38.8S 162.7E	280	37	A	
AUG 5 69	37.4S 171.4E	283	35	A	35.7S 179.5E	286	34	A	33.8S 172.8W	287	34	B	31.9S 165.4W	286	34	A	
AUG 6 69	30.1S 158.0W	284	34	A	28.7S 150.3W	280	36	A	27.6S 142.4W	278	37	B	26.8S 134.4W	275	38	C	
AUG 7 69	26.3S 126.1W	273	39	C	26.0S 117.7W	271	39	C	26.0S 109.1W	270	40	C	26.1S 100.4W	268	41	D	
AUG 8 69	26.4S 91.6W	267	41	D	26.9S 82.6W	266	41	D	27.5S 73.6W	265	42	D	28.3S 64.4W	265	42	D	
AUG 9 69	29.1S 55.2W	264	42	D	30.0S 45.9W	264	42	D	30.9S 36.6W	263	41	D	31.8S 27.3W	263	41	D	
AUG 10 69	32.8S 17.9W	263	41	C	33.7S 8.6W	263	40	C	34.6S .8E	264	40	C	35.4S 10.1E	264	39	B	
AUG 11 69	36.1S 19.4E	265	39	B	36.7S 28.6E	266	38	A	37.2S 37.8E	267	37	A	37.5S 46.8E	268	37	B	
AUG 12 69	37.7S 55.7E	268	36	B	37.9S 64.4E	269	35	C	38.0S 72.8E	270	34	C	38.0S 81.0E	270	32	C	
AUG 13 69	38.0S 88.7E	270	31	D	38.0S 96.1E	269	29	D	38.1S 103.0E	269	27	D	38.2S 109.3E	268	25	C	
AUG 14 69	38.5S 115.1E	266	22	C	38.8S 120.3E	264	20	C	39.3S 124.8E	260	17	B	40.0S 128.5E	253	14	B	
AUG 15 69	40.9S 131.5E	242	11	A	42.0S 133.5E	227	9	A	43.2S 134.9E	213	8	B	44.4S 135.8E	204	7	B	
AUG 16 69	45.5S 136.4E	201	6	C	46.3S 137.0E	215	4	C	46.7S 137.8E	268	3	B	46.3S 139.0E	307	7	B	
AUG 17 69	45.0S 141.0E	318	13	A	42.5S 144.0E	317	19	A	39.7S 148.1E	310	23	B	37.1S 153.0E	297	25	A	
AUG 18 69	35.6S 158.9E	278	27	A	35.6S 165.7E	263	30	A	36.7S 173.2E	257	33	B	38.2S 178.7W	258	34	A	
AUG 19 69	39.3S 170.4W	264	34	A	39.4S 161.9W	273	34	A	38.7S 153.6W	278	33	B	37.7S 145.9W	282	30	A	
AUG 20 69	36.5S 139.1W	282	26	A	35.5S 133.5W	282	22	B	34.8S 128.9W	281	18	B	34.2S 125.0W	279	15	C	
AUG 21 69	33.8S 121.6W	278	14	C	33.5S 118.6W	276	13	C	33.3S 115.5W	274	13	C	33.2S 112.3W	272	15	C	
AUG 22 69	33.1S 108.6W	270	17	B	33.1S 104.3W	270	20	B	33.2S 99.2W	269	24	A	33.2S 93.2W	269	28	A	
AUG 23 69	33.3S 86.0W	269	33	B	33.4S 77.7W	269	38	B	33.5S 68.4W	269	42	C	33.6S 58.4W	269	44	C	
AUG 24 69	33.8S 47.8W	268	46	C	34.1S 37.0W	268	46	C	34.5S 26.1W	267	47	C	34.9S 15.0W	267	47	C	
AUG 25 69	35.4S 3.9W	267	46	C	36.0S 7.1E	266	46	C	36.6S 18.0E	266	45	D	37.2S 29.0E	266	45	C	
AUG 26 69	37.7S 39.9E	266	45	C	38.2S 50.9E	267	44	C	38.7S 61.9E	268	44	B	39.0S 73.0E	268	44	B	
AUG 27 69	39.2S 84.1E	269	45	A	39.2S 95.3E	270	45	A	39.0S 106.4E	271	44	B	38.8S 117.5E	272	44	B	
AUG 28 69	38.5S 128.3E	272	43	C	38.1S 138.9E	273	42	C	37.7S 149.0E	273	40	B	37.3S 158.6E	273	38	A	
AUG 29 69	37.0S 167.6E	273	36	A	36.7S 176.0E	272	33	A	36.5S 176.2W	272	32	B	36.3S 168.5W	272	32	A	
AUG 30 69	36.1S 160.9W	272	32	A	35.9S 152.9W	272	34	B	35.7S 144.7W	272	35	B	35.5S 136.2W	272	36	C	
AUG 31 69	35.3S 127.5W	272	37	C	35.1S 118.6W	272	38	C	34.8S 109.4W	272	39	D	34.6S 100.1W	272	40	D	
SEP 1 69	34.4S 90.6W	272	41	D	34.1S 81.0W	272	41	D	33.9S 71.2W	272	42	D	33.7S 61.3W	272	43	D	
SEP 2 69	33.5S 51.3W	271	43	D	33.2S 41.1W	271	44	D	33.0S 31.0W	271	44	D	32.8S 20.7W	271	44	D	
SEP 3 69	32.7S 10.4W	271	45	D	32.5S .1W	271	45	D	32.4S 10.2E	271	45	D	32.3S 20.6E	271	45	D	
SEP 4 69	32.2S 30.9E	271	45	D	32.1S 41.1E	270	45	D	32.0S 51.3E	270	44	D	32.0S 61.5E	270	44	D	
SEP 5 69	32.0S 71.6E	270	44	D	32.1S 81.5E	270	43	D	32.2S 91.4E	269	43	D	32.3S 101.1E	269	42	D	
SEP 6 69	32.5S 110.7E	269	41	D	32.7S 120.1E	268	40	C	32.9S 129.3E	268	39	C	33.2S 138.3E	268	38	C	
SEP 7 69	33.5S 147.1E	267	37	C	33.9S 155.8E	267	37	B	34.3S 164.6E	267	39	B	34.7S 174.0E	268	41	A	
SEP 8 69	35.0S 175.7W	268	46	A	35.1S 164.2W	269	51	A	35.2S 151.7W	270	54	B	35.3S 138.5W	270	56	B	
SEP 9 69	35.2S 124.9W	270	58	C	35.1S 111.2W	271	57	C	35.0S 97.9W	271	55	C	34.8S 85.2W	271	51	C	
SEP 10 69	34.6S 73.8W	271	46	B	34.4S 63.8W	271	39	B	34.3S 55.3W	271	33	A	34.1S 48.2W	271	27	A	

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 1916

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
SEP 11 69	34.0S	42.4W	271	22 B	33.9S	37.7W	271	18 B	33.9S	33.9W	271	15 C	33.9S	30.3W	270	15 C
SEP 12 69	33.9S	26.6W	270	17 C	33.9S	22.5W	269	19 D	34.0S	18.0W	269	20 D	34.1S	13.3W	269	20 D
SEP 13 69	34.2S	8.6W	268	20 D	34.3S	4.1W	268	19 D	34.4S	.2E	268	18 D	34.6S	4.4E	267	18 D
SEP 14 69	34.8S	8.6E	267	18 D	34.9S	12.9E	267	18 D	35.1S	17.2E	267	18 D	35.3S	21.5E	267	18 D
SEP 15 69	35.5S	25.9E	267	19 D	35.8S	30.3E	266	19 D	36.0S	34.8E	266	18 D	36.2S	39.1E	266	18 D
SEP 16 69	36.4S	43.4E	266	17 D	36.7S	47.5E	266	17 C	36.9S	51.6E	266	17 C	37.1S	55.8E	266	17 C
SEP 17 69	37.3S	60.1E	267	18 B	37.5S	64.8E	267	20 B	37.7S	69.8E	267	21 A	37.9S	75.1E	268	22 A
SEP 18 69	38.1S	80.8E	268	24 B	38.3S	86.8E	268	25 A	38.4S	92.9E	268	25 A	38.6S	99.0E	268	24 B
SEP 19 69	38.8S	104.9E	268	23 B	38.9S	110.4E	268	21 C	39.0S	115.5E	268	20 C	39.1S	120.5E	268	20 C
SEP 20 69	39.3S	125.4E	268	20 D	39.4S	130.4E	269	20 D	39.4S	135.4E	269	20 C	39.5S	140.6E	269	21 C
SEP 21 69	39.6S	145.9E	269	22 C	39.6S	151.5E	269	23 B	39.7S	157.4E	270	24 B	39.7S	163.7E	270	26 A
SEP 22 69	39.7S	170.3E	270	27 A	39.7S	177.5E	270	29 A	39.7S	174.9W	270	31 B	39.6S	166.8W	270	33 B
SEP 23 69	39.6S	158.4W	271	34 C	39.5S	149.7W	271	35 C	39.4S	140.8W	271	36 C	39.3S	131.6W	271	37 D
SEP 24 69	39.2S	122.2W	271	38 D	39.0S	112.8W	271	38 D	38.9S	103.2W	271	38 C	38.7S	93.7W	271	38 C
SEP 25 69	38.5S	84.2W	271	38 C	38.3S	74.7W	272	38 B	38.1S	65.4W	272	37 A	37.9S	56.2W	272	37 A
SEP 26 69	37.6S	47.3W	272	36 A	37.4S	38.5W	272	36 B	37.1S	29.9W	272	35 C	36.8S	21.5W	272	34 C
SEP 27 69	36.5S	13.3W	273	34 C	36.2S	5.2W	273	33 D	35.9S	2.7E	273	33 D	35.6S	10.4E	273	32 D
SEP 28 69	35.3S	18.0E	273	32 D	34.9S	25.5E	273	31 D	34.6S	32.8E	273	31 D	34.2S	40.0E	273	30 D
SEP 29 69	33.9S	47.1E	273	30 D	33.5S	54.0E	273	30 D	33.2S	60.9E	274	29 D	32.8S	67.6E	274	29 D
SEP 30 69	32.5S	74.3E	274	29 D	32.1S	80.9E	274	29 D	31.8S	87.4E	274	28 D	31.5S	93.8E	274	28 D
OCT 1 69	31.1S	100.1E	274	28 D	30.8S	106.4E	273	28 D	30.5S	112.7E	273	28 D	30.2S	118.8E	273	27 D
OCT 2 69	29.8S	125.0E	273	27 D	29.6S	131.1E	273	27 D	29.3S	137.2E	273	27 D	29.0S	143.2E	273	27 D
OCT 3 69	28.7S	149.3E	273	27 D	28.5S	155.3E	273	27 D	28.3S	161.4E	272	27 D	28.0S	167.4E	272	27 D
OCT 4 69	27.8S	173.5E	272	28 D	27.7S	179.5E	272	28 D	27.5S	174.4W	272	28 C	27.4S	168.2W	271	28 C
OCT 5 69	27.2S	162.1W	271	28 C	27.1S	155.9W	271	29 C	27.1S	149.6W	271	29 B	27.0S	143.3W	270	29 A
OCT 6 69	27.0S	136.9W	270	29 A	27.0S	130.4W	270	30 B	27.0S	123.9W	270	30 B	27.0S	117.3W	270	30 C
OCT 7 69	27.0S	110.7W	270	31 C	27.0S	104.0W	270	31 C	27.0S	97.3W	270	31 D	26.9S	90.5W	271	31 D
OCT 8 69	26.8S	83.6W	271	31 D	26.6S	76.8W	272	32 C	26.4S	69.9W	272	32 C	26.1S	62.9W	273	32 C
OCT 9 69	25.7S	56.0W	274	32 B	25.2S	49.0W	275	33 B	24.6S	42.1W	276	33 A	23.9S	35.1W	277	33 A
OCT 10 69	23.1S	28.1W	278	33 B	22.1S	21.1W	278	34 B	21.1S	14.1W	279	34 C	20.1S	7.1W	279	34 C
OCT 11 69	19.0S	.1W	280	35 C	17.9S	6.9E	279	35 D	16.8S	13.9E	279	35 D	15.7S	20.9E	279	35 D
OCT 12 69	14.7S	27.8E	278	35 D	13.8S	34.8E	278	35 D	12.9S	41.7E	277	35 D	12.2S	48.5E	276	35 D
OCT 13 69	11.6S	55.4E	274	35 D	11.2S	62.2E	273	34 D	11.0S	69.0E	271	34 D	11.0S	75.8E	269	34 D
OCT 14 69	11.3S	82.5E	266	34 D	12.0S	89.2E	263	34 D	12.9S	95.8E	261	34 D	14.0S	102.4E	260	33 C
OCT 15 69	15.1S	108.9E	259	33 C	16.4S	115.4E	257	33 C	18.0S	121.8E	252	33 B	20.5S	128.1E	243	34 B
OCT 16 69	24.1S	134.4E	233	37 A	29.1S	140.6E	225	40 A	34.7S	146.8E	222	39 B	40.0S	153.1E	225	35 A
OCT 17 69	44.0S	159.6E	237	29 A	46.1S	166.3E	257	25 A	46.4S	173.2E	274	25 B	45.6S	179.8W	283	26 A
OCT 18 69	44.3S	172.9W	286	26 A	42.9S	166.0W	286	27 A	41.6S	159.3W	285	27 B	40.2S	152.7W	285	27 C
OCT 19 69	39.0S	146.1W	284	27 C	37.8S	139.6W	283	27 C	36.6S	133.2W	282	27 C	35.6S	126.9W	281	27 D
OCT 20 69	34.6S	120.7W	281	27 D	33.7S	114.5W	280	27 D	32.8S	108.3W	279	27 D	32.1S	102.2W	278	27 D
OCT 21 69	31.4S	96.1W	277	27 C	30.9S	90.1W	276	27 C	30.4S	84.1W	274	27 C	30.1S	78.1W	273	27 C
OCT 22 69	29.8S	72.1W	272	27 C	29.7S	66.1W	271	27 C	29.7S	60.2W	269	27 D	29.8S	54.2W	268	27 D
OCT 23 69	30.0S	48.1W	267	27 D	30.4S	42.1W	265	27 D	30.9S	36.0W	264	27 D	31.5S	29.9W	262	27 D
OCT 24 69	32.3S	23.8W	261	27 D	33.3S	17.6W	259	27 D	34.4S	11.3W	257	27 D	35.6S	5.0W	256	27 D
OCT 25 69	37.0S	1.4E	254	27 C	38.6S	7.8E	252	28 C	40.3S	14.4E	250	28 C	42.3S	21.0E	248	27 B

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00 GMT

		MPS R				06 GMT				MPS R				12 GMT				MPS R				18 GMT				MPS R			
FEB 12 70	57.6S 159.9W	317	47	A	51.0S 148.5W	304	46	A	47.4S 136.3W	285	45	B	46.3S 123.5W	270	46	A													
FEB 13 70	47.1S 110.4W	260	47	A	49.2S 97.1W	253	46	B	52.1S 84.0W	249	44	A	55.2S 71.2W	247	40	A													
FEB 14 70	57.9S 59.1W	250	34	A	59.8S 47.9W	255	28	B	60.9S 38.2W	260	22	A	61.3S 30.7W	268	15	A													
FEB 15 70	61.2S 26.1W	283	8	B	60.7S 24.6W	348	3	B	60.1S 25.0W	38	4	A	59.6S 26.0W	43	2	A													
FEB 16 70	59.5S 25.8W	254	3	B	59.9S 23.3W	248	10	B	60.9S 18.8W	248	15	C	62.1S 12.6W	248	18	C													
FEB 17 70	63.3S 5.2W	250	19	C	64.5S 2.8E	254	19	C	65.2S 11.2E	263	18	C	65.2S 19.7E	277	18	B													
FEB 18 70	64.2S 28.1E	295	20	B	62.0S 36.3E	305	24	A	59.2S 44.6E	303	27	A	56.5S 53.6E	294	30	A													
FEB 19 70	54.7S 63.8E	280	33	A	54.4S 75.5E	267	37	A	55.3S 87.8E	259	37	A	57.0S 99.7E	252	33	B													
FEB 20 70	59.1S 110.1E	246	27	A	61.1S 118.0E	239	20	A	63.0S 123.6E	229	14	A	64.7S 127.1E	215	9	B													
FEB 21 70	66.0S 128.6E	194	6	A	66.9S 128.6E	159	4	A	67.6S 127.3E	128	4	B	68.0S 125.1E	113	5	B													
FEB 22 70	68.4S 122.5E	110	6	C	68.8S 119.7E	112	5	C	69.2S 117.1E	114	5	B	69.6S 114.9E	119	4	B													
FEB 23 70	69.9S 113.2E	128	3	A	70.3S 112.3E	145	2	A	70.5S 111.9E	169	1	A	70.6S 112.0E	CALM		B													
FEB 24 70	70.6S 112.2E	331	1	A	70.3S 112.6E	340	2	A	69.9S 113.1E	332	3	A	69.4S 114.0E	316	3	B													
FEB 25 70	69.0S 115.6E	297	4	C	68.8S 118.1E	278	6	C	68.7S 121.8E	264	9	B	69.1S 127.3E	254	12	A													
FEB 26 70	70.1S 135.0E	247	17	A	71.6S 145.0E	243	20	B	73.5S 156.8E	242	21	B	75.2S 169.6E	244	19	A													
FEB 27 70	76.6S 177.6W	252	16	A	77.1S 165.3W	268	14	A	76.7S 154.1W	288	13	B	75.5S 144.0W	306	15	A													
FEB 28 70	73.3S 135.5W	320	18	A	70.2S 128.5W	328	21	A	66.5S 122.7W	330	22	B	62.9S 117.6W	327	22	A													
MAR 1 70	59.6S 112.7W	318	20	A	57.2S 107.5W	306	17	B	55.7S 102.9W	295	13	A	55.0S 99.6W	279	7	A													
MAR 2 70	55.3S 98.5W	165	3	A	56.3S 100.0W	139	10	B	58.1S 102.2W	154	12	A	60.4S 103.0W	189	13	A													
MAR 3 70	63.2S 99.9W	222	20	A	66.2S 91.4W	235	27	B	69.1S 79.0W	240	29	A	71.6S 64.8W	244	26	A													
MAR 4 70	73.4S 51.0W	251	20	B	74.1S 39.1W	254	15	B	74.0S 28.9W	279	14	A	73.4S 19.2W	288	15	A													
MAR 5 70	72.3S 9.3W	289	17	B	71.2S 1.8E	287	20	B	70.1S 13.6E	284	22	A	69.1S 25.7E	281	23	A													
MAR 6 70	68.5S 37.7E	276	22	B	68.2S 49.1E	271	21	B	68.3S 60.0E	269	20	C	68.4S 70.3E	268	19	C													
MAR 7 70	68.4S 80.1E	270	18	C	68.3S 89.6E	274	18	C	68.0S 98.8E	276	18	D	67.6S 107.8E	278	18	D													
MAR 8 70	67.1S 116.8E	279	18	D	66.5S 125.8E	279	19	D	65.9S 134.9E	279	19	D	65.3S 143.9E	280	20	D													
MAR 9 70	64.7S 152.8E	280	20	D	64.0S 161.5E	280	20	D	63.3S 170.2E	281	20	D	62.6S 178.6E	281	20	D													
MAR 10 70	61.8S 173.0W	280	21	D	61.1S 164.6W	280	21	D	60.4S 156.4W	280	21	D	59.7S 148.2W	279	21	D													
MAR 11 70	59.1S 140.1W	279	22	D	58.4S 132.1W	278	22	D	57.9S 124.2W	277	22	D	57.4S 116.4W	276	22	D													
MAR 12 70	56.9S 108.7W	276	22	D	56.6S 101.1W	274	21	D	56.3S 93.6W	273	21	D	56.1S 86.2W	272	21	D													
MAR 13 70	56.0S 78.8W	271	21	D	56.0S 71.4W	269	21	C	56.1S 64.1W	267	21	C	56.4S 56.8W	265	20	C													
MAR 14 70	56.8S 49.7W	263	20	B	57.4S 42.8W	260	19	B	58.1S 36.2W	257	18	A	58.9S 29.8W	254	17	A													
MAR 15 70	59.9S 23.9W	250	16	B	61.0S 18.4W	246	14	B	62.2S 13.3W	243	13	C	63.3S 8.4W	241	13	C													
MAR 16 70	64.5S 3.7W	240	12	C	65.7S .8E	240	11	C	66.7S 5.4E	242	11	C	67.6S 10.1E	245	10	C													
MAR 17 70	68.3S 14.9E	251	10	B	68.9S 19.9E	257	10	A	69.1S 25.2E	265	10	A	69.2S 30.7E	274	10	A													
MAR 18 70	68.9S 36.4E	283	11	B	68.2S 42.3E	290	12	A	67.3S 48.4E	294	13	A	66.1S 54.6E	298	15	B													
MAR 19 70	64.7S 60.9E	299	16	B	63.1S 67.2E	300	17	C	61.4S 73.4E	300	18	C	59.7S 79.7E	298	18	C													
MAR 20 70	58.1S 85.8E	296	18	D	56.6S 91.9E	292	18	D	55.3S 97.9E	288	18	D	54.4S 103.8E	284	18	C													
MAR 21 70	53.7S 109.6E	278	18	C	53.4S 115.3E	271	17	C	53.6S 120.8E	260	16	B	54.5S 125.9E	246	16	B													
MAR 22 70	56.2S 130.5E	228	17	A	58.8S 134.7E	218	18	A	61.5S 139.3E	224	18	B	63.6S 145.2E	243	18	A													
MAR 23 70	64.3S 153.6E	273	22	A	63.2S 164.9E	288	31	A	61.0S 178.0E	290	36	B	58.7S 168.4W	285	37	A													
MAR 24 70	57.6S 155.9W	272	31	A	58.3S 145.8W	252	26	A	60.5S 137.7W	233	23	B	63.4S 131.1W	221	21	A													
MAR 25 70	66.5S 125.6W	216	18	A	69.0S 120.4W	222	15	B	70.6S 114.4W	243	13	B	71.3S 106.2W	269	16	A													
MAR 26 70	70.6S 94.5W	286	25	A	68.7S 78.8W	293	35	B	65.6S 61.4W	296	41	A	61.8S 45.4W	301	40	A													
MAR 27 70	57.7S 34.1W	314	31	B	53.6S 29.5W	346	21	B	49.7S 29.8W	17	20	A	46.1S 32.2W	27	20	A													

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 2330  
00 GMT

				MPS R	06 GMT				MPS R	12 GMT				MPS R	18 GMT				MPS R
MAR 28 70	42.9S	33.8W	4	15 B	40.3S	32.4W	317	16 B	38.2S	28.5W	295	22 C	36.7S	22.9W	286	26 C			
MAR 29 70	35.5S	16.7W	281	26 C	34.8S	10.7W	277	25 D	34.4S	4.9W	273	25 D	34.3S	1.1E	269	26 D			
MAR 30 70	34.6S	7.5E	266	28 D	35.1S	14.5E	263	31 D	36.0S	22.0E	261	32 D	37.0S	29.8E	260	33 D			
MAR 31 70	38.3S	37.9E	258	34 D	39.8S	46.1E	256	34 D	41.4S	54.4E	255	33 D	43.1S	62.7E	253	32 D			
APR 1 70	45.0S	70.9E	252	32 D	46.9S	79.2E	251	31 D	48.9S	87.4E	250	29 D	50.9S	95.5E	248	28 C			
APR 2 70	52.9S	103.5E	247	27 C	54.9S	111.3E	246	25 C	56.8S	118.8E	245	23 B	58.6S	125.9E	244	21 B			
APR 3 70	60.3S	132.6E	243	18 A	61.8S	138.6E	242	16 A	63.2S	144.1E	239	15 B	64.8S	149.4E	233	14 A			
APR 4 70	66.6S	154.6E	226	15 A	68.7S	159.9E	222	15 A	70.9S	165.5E	223	14 B	72.6S	171.5E	233	12 B			
APR 5 70	73.5S	178.0E	259	10 C	73.3S	174.7W	291	12 B	71.8S	166.6W	308	17 B	69.1S	157.7W	315	24 A			
APR 6 70	65.2S	148.0W	317	32 A	60.4S	137.5W	314	38 B	55.4S	126.4W	306	41 B	51.6S	115.0W	292	39 A			
APR 7 70	49.9S	103.6W	271	37 A	51.2S	92.5W	251	37 B	54.0S	81.7W	244	36 A	56.7S	70.9W	251	32 A			
APR 8 70	57.5S	60.1W	278	30 A	55.1S	49.4W	302	37 B	50.4S	39.3W	311	41 C	45.0S	30.6W	314	39 C			
APR 9 70	40.2S	24.0W	314	29 B	37.3S	20.0W	312	16 A	35.9S	18.0W	304	6 A	35.7S	17.2W	244	2 A			
APR 10 70	36.1S	16.8W	217	4 B	36.8S	15.8W	237	7 A	37.6S	13.7W	251	13 A	38.4S	9.7W	258	21 A			
APR 11 70	39.3S	3.1W	262	33 B	40.1S	6.6E	264	44 A	41.0S	18.8E	265	51 A	41.8S	32.6E	266	55 A			
APR 12 70	42.6S	47.1E	266	55 B	43.3S	61.4E	267	53 B	43.7S	75.3E	268	50 C	43.8S	88.4E	271	47 C			
APR 13 70	43.2S	100.3E	277	43 C	41.9S	111.0E	282	39 C	40.3S	120.2E	285	35 B	38.6S	128.0E	285	29 B			
APR 14 70	37.5S	134.3E	280	23 A	37.0S	139.2E	272	17 A	37.2S	142.7E	262	12 B	37.6S	144.9E	252	7 B			
APR 15 70	37.9S	145.9E	237	2 C	37.9S	145.7E	70	2 C	37.6S	144.9E	60	5 B	37.0S	143.9E	49	6 A			
APR 16 70	36.2S	143.0E	28	5 A	35.2S	142.8E	352	5 A	34.2S	143.4E	319	7 B	33.2S	145.0E	298	11 A			
APR 17 70	32.3S	147.8E	285	15 A	31.7S	151.7E	279	19 A	31.3S	155.9E	274	18 B	31.2S	159.5E	268	13 A			
APR 18 70	31.4S	161.6E	241	5 A	32.0S	161.4E	126	6 A	32.6S	159.8E	107	9 B	32.9S	157.9E	91	7 A			
APR 19 70	32.5S	156.7E	22	5 A	31.3S	157.1E	328	9 A	29.6S	158.8E	315	12 B	28.1S	160.9E	304	12 B			
APR 20 70	27.3S	162.8E	281	7 A	27.6S	164.0E	225	5 A	28.5S	164.5E	197	6 B	29.6S	164.8E	193	5 A			
APR 21 70	30.1S	165.1E	261	2 A	29.7S	165.6E	327	5 A	28.6S	166.3E	333	8 B	27.2S	167.1E	333	8 A			
APR 22 70	26.0S	167.8E	329	6 A	25.3S	168.4E	317	3 A	24.9S	168.8E	304	2 B	24.7S	169.2E	311	2 A			
APR 23 70	24.4S	169.5E	331	3 A	23.7S	169.8E	336	4 A	23.1S	170.2E	323	3 B	22.9S	170.6E	237	2 A			
APR 24 70	23.7S	171.0E	197	8 A	25.7S	171.5E	192	13 A	28.4S	172.3E	195	16 B	31.4S	173.4E	202	16 A			
APR 25 70	33.9S	175.0E	218	14 A	35.5S	177.3E	240	13 A	36.5S	179.6W	255	15 B	37.2S	175.5W	259	19 A			
APR 26 70	38.0S	170.4W	258	24 A	39.1S	164.1W	258	27 A	40.1S	157.3W	263	28 B	40.2S	150.5W	275	26 A			
APR 27 70	39.0S	144.2W	296	25 A	35.9S	139.1W	315	27 A	31.9S	135.0W	322	27 B	27.9S	131.4W	321	24 A			
APR 28 70	25.1S	128.2W	304	17 A	24.2S	125.2W	271	15 B	24.8S	122.0W	250	16 B	26.2S	118.5W	244	19 A			
APR 29 70	27.7S	114.6W	250	20 A	28.7S	110.2W	258	21 B	29.4S	105.6W	262	21 A	29.9S	101.2W	263	19 A			
APR 30 70	30.4S	97.3W	260	16 A	31.1S	94.2W	254	13 B	31.8S	91.5W	252	12 A	32.5S	88.8W	255	13 A			
MAY 1 70	33.0S	85.7W	261	15 A	33.3S	81.8W	267	18 B	33.4S	77.3W	270	21 A	33.3S	72.3W	272	22 A			
MAY 2 70	33.1S	67.1W	274	23 A	32.7S	61.8W	276	23 B	32.2S	56.3W	277	25 A	31.5S	50.3W	278	28 A			
MAY 3 70	30.7S	43.5W	278	32 A	29.8S	35.9W	277	36 B	29.0S	27.6W	276	38 A	28.3S	19.2W	274	38 A			
MAY 4 70	28.1S	10.8W	270	37 B	28.4S	2.9W	265	35 A	29.1S	4.7E	262	34 A	30.3S	12.4E	259	35 A			
MAY 5 70	31.7S	20.2E	258	36 B	33.3S	28.5E	257	38 A	34.9S	37.2E	257	38 A	36.5S	46.1E	258	38 B			
MAY 6 70	38.0S	55.1E	259	37 B	39.2S	64.0E	261	36 C	40.1S	72.8E	263	35 C	40.9S	81.4E	264	33 C			
MAY 7 70	41.6S	89.9E	264	32 D	42.2S	98.1E	264	31 D	42.8S	106.0E	264	29 D	43.4S	113.6E	264	28 C			
MAY 8 70	43.9S	120.7E	264	26 C	44.4S	127.4E	263	24 C	45.0S	133.6E	262	21 B	45.6S	139.1E	259	19 B			
MAY 9 70	46.3S	143.9E	255	16 A	47.2S	147.9E	251	14 A	48.0S	151.5E	251	12 B	48.7S	154.9E	257	12 A			
MAY 10 70	49.0S	158.4E	267	12 A	48.9S	162.2E	277	14 A	48.4S	166.5E	283	16 B	47.6S	171.1E	286	17 B			

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)



200MB GHOST BALLOON 2330  
00 GMT

00 GMT				06 GMT				12 GMT				18 GMT			
MPS	R			MPS	R			MPS	R			MPS	R		
MAY 11 70	46.6S	176.1E	287 19 C	45.5S	178.5W	286 21 B		44.4S	172.8W	284 22 B		43.4S	166.7W	281 24 A	
MAY 12 70	42.7S	160.3W	277 25 A	42.3S	153.6W	273 26 B		42.1S	146.6W	270 27 B		42.2S	139.3W	268 29 C	
MAY 13 70	42.5S	131.5W	266 30 C	43.0S	123.3W	265 32 C		43.7S	114.6W	264 34 C		44.4S	105.2W	264 36 C	
MAY 14 70	45.2S	95.1W	264 38 B	46.0S	84.3W	264 40 B		46.9S	72.8W	264 42 A		47.7S	60.7W	264 43 A	
MAY 15 70	48.5S	48.3W	264 43 B	49.3S	35.5W	265 43 B		50.1S	22.8W	265 42 A		50.9S	10.3W	264 40 A	
MAY 16 70	51.6S	1.7E	264 38 B	52.4S	13.1E	264 35 B		53.1S	23.7E	264 32 C		53.8S	33.8E	264 30 C	
MAY 17 70	54.4S	43.5E	264 28 C	54.8S	52.8E	265 27 D		55.2S	61.7E	267 26 D		55.4S	70.3E	269 25 D	
MAY 18 70	55.3S	78.7E	271 24 D	55.1S	86.8E	274 24 D		54.7S	94.6E	277 23 D		54.0S	102.3E	280 23 C	
MAY 19 70	53.0S	109.8E	283 24 C	51.8S	117.3E	287 25 C		50.3S	124.7E	290 26 B		48.3S	132.0E	294 28 B	
MAY 20 70	45.9S	139.5E	297 30 A	43.0S	147.0E	298 32 A		40.3S	154.5E	293 31 B		38.5S	161.5E	282 28 A	
MAY 21 70	38.3S	167.9E	260 25 A	40.1S	173.5E	237 25 A		43.3S	178.5E	223 26 B		47.2S	176.8W	219 26 A	
MAY 22 70	50.8S	172.2W	223 22 A	53.5S	167.4W	233 19 A		55.2S	162.4W	246 16 B		56.1S	157.2W	260 16 C	
MAY 23 70	56.4S	151.7W	272 16 C	56.0S	146.0W	280 17 C		55.2S	140.1W	286 18 C		54.0S	134.0W	290 20 D	
MAY 24 70	52.6S	127.6W	291 22 D	51.0S	121.1W	290 23 C		49.5S	114.3W	288 24 C		48.2S	107.1W	283 26 C	
MAY 25 70	47.4S	99.6W	277 27 B	47.0S	91.7W	271 28 B		47.2S	83.6W	267 29 A		47.7S	75.4W	264 28 A	
MAY 26 70	48.4S	67.5W	262 27 A	49.1S	60.0W	262 25 B		49.7S	52.9W	265 23 A		49.8S	46.5W	274 20 A	
MAY 27 70	49.1S	40.7W	288 19 B	47.5S	35.5W	299 20 B		45.4S	30.4W	300 22 A		43.5S	24.7W	291 25 A	
MAY 28 70	42.1S	17.7W	278 30 B	41.8S	8.9W	268 37 A		42.5S	1.5E	262 42 A		43.9S	13.0E	259 45 A	
MAY 29 70	45.8S	25.1E	257 46 B	47.9S	37.7E	255 45 A		50.2S	50.3E	255 43 A		52.3S	62.8E	255 40 B	
MAY 30 70	54.1S	74.9E	257 37 B	55.4S	86.4E	260 34 C		56.3S	97.5E	263 31 C		56.9S	108.2E	266 30 C	
MAY 31 70	57.1S	118.7E	268 29 D	57.2S	129.0E	270 28 C		57.0S	139.1E	272 28 C		56.7S	149.2E	274 28 C	
JUN 1 70	56.2S	159.1E	276 29 C	55.6S	169.0E	277 29 C		54.8S	178.9E	279 30 C		53.8S	171.3W	281 30 C	
JUN 2 70	52.6S	161.5W	283 31 C	51.1S	151.9W	284 32 B		49.4S	142.3W	286 33 B		47.5S	132.8W	288 34 A	
JUN 3 70	45.4S	123.4W	289 36 A	43.0S	114.2W	290 36 B		40.6S	105.8W	291 33 A		38.5S	98.7W	292 27 A	
JUN 4 70	36.8S	93.7W	295 17 A	35.7S	91.2W	307 7 B		35.0S	90.9W	38 3 A		34.6S	92.0W	74 7 A	
JUN 5 70	34.2S	94.1W	75 10 A	33.5S	96.4W	69 10 B		32.8S	98.0W	50 5 A		32.3S	97.9W	291 6 A	
JUN 6 70	32.0S	94.9W	271 21 A	32.3S	88.5W	265 35 B		33.2S	79.6W	261 42 A		34.9S	69.6W	255 44 A	
JUN 7 70	37.5S	60.0W	246 40 A	41.2S	51.7W	236 36 B		45.1S	43.9W	236 35 A		48.6S	35.4W	244 35 A	
JUN 8 70	50.8S	24.8W	261 39 B	51.1S	11.5W	273 47 A		50.1S	3.6E	278 51 A		48.5S	18.9E	279 51 A	
JUN 9 70	47.1S	32.8E	277 45 B	46.5S	44.3E	272 36 A		46.5S	53.6E	269 30 A		46.7S	61.5E	268 26 B	
JUN 10 70	46.8S	68.4E	271 24 B	46.5S	75.2E	276 24 A		45.8S	81.8E	281 24 A		44.7S	88.5E	284 25 B	
JUN 11 70	43.4S	95.1E	287 26 B	41.9S	101.9E	286 27 C		40.5S	108.9E	283 28 B		39.5S	116.1E	276 29 B	
JUN 12 70	39.4S	123.7E	266 31 A	40.3S	131.6E	258 32 A		42.0S	139.7E	253 33 B		44.0S	148.0E	251 32 B	
JUN 13 70	46.0S	156.1E	252 30 C	47.6S	164.0E	255 28 C		48.8S	171.6E	259 26 C		49.6S	179.1E	263 25 C	
JUN 14 70	50.0S	173.8W	267 23 D	50.1S	166.8W	271 23 D		49.9S	160.0W	274 22 C		49.5S	153.4W	275 22 C	
JUN 15 70	49.2S	146.8W	275 22 C	48.9S	140.3W	273 22 B		48.7S	133.8W	271 22 B		48.7S	127.2W	268 22 A	
JUN 16 70	49.0S	120.6W	265 23 A	49.5S	113.9W	262 23 B		50.2S	107.1W	261 23 B		50.9S	100.3W	261 22 C	
JUN 17 70	51.5S	93.5W	263 22 C	51.9S	86.7W	266 22 C		52.1S	80.0W	267 21 C		52.3S	73.3W	269 21 C	
JUN 18 70	52.4S	66.8W	269 20 B	52.4S	60.5W	269 19 B		52.5S	54.4W	269 19 A		52.6S	48.6W	268 18 A	
JUN 19 70	52.7S	42.9W	268 17 B	52.9S	37.5W	267 17 B		53.1S	32.3W	266 16 C		53.3S	27.1W	266 16 C	
JUN 20 70	53.5S	22.0W	265 16 C	53.8S	16.9W	265 16 C		54.0S	11.7W	265 16 C		54.3S	6.4W	265 16 C	
JUN 21 70	54.6S	1.0W	265 16 C	54.8S	4.6E	266 17 C		55.1S	10.3E	266 17 D		55.3S	16.1E	266 17 D	
JUN 22 70	55.5S	22.1E	266 18 D	55.8S	28.2E	266 18 D		56.0S	34.4E	266 18 D		56.2S	40.7E	267 18 D	
JUN 23 70	56.4S	47.1E	267 18 D	56.6S	53.6E	267 19 D		56.8S	60.3E	267 19 D		56.9S	67.0E	267 19 D	

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 200MB GHOST BALLOON 2330

00 GMT					06 GMT					12 GMT					18 GMT					
			MPS	R				MPS	R				MPS	R				MPS	R	
JUN 24 70	57.1S	73.9E	268	19	D	57.2S	80.8E	268	19	D	57.4S	87.8E	268	20	D	57.5S	94.9E	268	20	D
JUN 25 70	57.6S	102.1E	269	20	D	57.6S	109.3E	269	20	D	57.7S	116.7E	269	20	D	57.7S	124.1E	270	20	D
JUN 26 70	57.8S	131.5E	270	21	D	57.7S	139.1E	270	21	D	57.7S	146.6E	271	21	D	57.7S	154.3E	271	21	D
JUN 27 70	57.6S	162.0E	271	21	D	57.5S	169.7E	272	21	D	57.3S	177.5E	272	22	D	57.2S	174.7W	272	22	D
JUN 28 70	57.0S	166.8W	273	22	D	56.8S	159.0W	273	22	D	56.5S	151.0W	273	23	D	56.2S	143.1W	274	23	D
JUN 29 70	55.9S	135.2W	274	23	D	55.6S	127.2W	275	23	D	55.2S	119.2W	275	24	D	54.8S	111.2W	275	24	D
JUN 30 70	54.3S	103.2W	276	24	D	53.8S	95.2W	276	24	C	53.3S	87.2W	277	25	C	52.7S	79.2W	277	25	C
JUL 1 70	52.1S	71.2W	277	25	B	51.4S	63.3W	278	26	B	50.7S	55.3W	278	26	A	50.0S	47.4W	278	26	A
JUL 2 70	49.2S	39.5W	279	27	B	48.4S	31.6W	279	27	B	47.6S	23.6W	279	28	C	46.8S	15.7W	279	28	C
JUL 3 70	46.0S	7.8W	278	29	C	45.2S	.2E	278	29	C	44.5S	8.1E	277	30	C	43.8S	16.1E	276	30	D
JUL 4 70	43.2S	24.1E	276	30	D	42.6S	32.1E	275	30	D	42.2S	40.0E	274	30	D	41.9S	48.0E	272	30	D
JUL 5 70	41.7S	55.9E	271	30	D	41.7S	63.7E	270	30	D	41.8S	71.6E	268	30	D	42.0S	79.4E	266	30	C
JUL 6 70	42.5S	87.1E	265	29	C	43.1S	94.7E	263	29	C	43.9S	102.3E	260	28	B	45.0S	109.8E	257	28	B
JUL 7 70	46.4S	117.3E	253	28	A	48.1S	124.7E	250	27	A	49.9S	131.9E	249	25	B	51.5S	138.7E	250	23	B
JUL 8 70	52.9S	145.0E	254	19	A	53.6S	150.7E	260	17	A	54.0S	155.9E	266	15	B	54.1S	160.8E	271	15	B
JUL 9 70	54.0S	165.7E	272	15	A	53.8S	170.8E	272	16	A	53.7S	176.1E	272	16	B	53.6S	178.4W	272	17	B
JUL 10 70	53.4S	172.8W	273	17	C	53.3S	167.0W	273	18	C	53.1S	161.2W	273	18	C	52.9S	155.3W	273	18	D
JUL 11 70	52.7S	149.3W	274	19	D	52.4S	143.4W	275	19	D	52.1S	137.6W	276	18	C	51.6S	131.8W	279	18	C
JUL 12 70	51.0S	126.4W	282	18	C	50.2S	121.1W	285	17	B	49.3S	116.1W	286	17	B	48.4S	111.2W	286	17	A
JUL 13 70	47.5S	106.3W	283	17	A	46.8S	101.4W	279	18	B	46.5S	96.2W	271	19	A	46.8S	90.4W	262	22	A
JUL 14 70	47.8S	83.8W	253	26	A	49.7S	76.2W	247	29	B	52.1S	67.9W	244	30	A	54.6S	59.4W	244	28	A
JUL 15 70	56.7S	51.0W	248	25	B	58.2S	43.1W	255	22	B	59.0S	35.6W	262	20	C	59.3S	28.4W	269	19	C
JUL 16 70	59.2S	21.3W	275	19	C	58.7S	14.3W	279	19	C	58.0S	7.2W	283	20	C	57.0S	.1W	286	21	B
JUL 17 70	55.8S	7.1E	288	22	B	54.3S	14.5E	290	24	A	52.6S	22.0E	291	25	A	50.8S	29.7E	290	27	B
JUL 18 70	49.0S	37.5E	289	28	B	47.2S	45.5E	288	29	C	45.6S	53.5E	285	30	C	44.2S	61.4E	282	30	B
JUL 19 70	43.3S	69.3E	277	29	A	42.8S	76.9E	273	29	A	42.7S	84.4E	269	28	A	43.0S	91.7E	266	27	B
JUL 20 70	43.5S	98.9E	264	27	B	44.0S	106.1E	264	27	C	44.4S	113.3E	267	27	B	44.4S	120.5E	273	27	B
JUL 21 70	43.8S	128.0E	280	29	A	42.4S	135.7E	285	31	A	40.7S	143.7E	285	33	B	39.3S	151.8E	280	33	A
JUL 22 70	38.6S	160.1E	271	34	A	39.0S	168.5E	263	34	A	40.1S	177.0E	260	34	B	41.2S	174.4W	262	34	A
JUL 23 70	41.8S	165.8W	269	33	A	41.3S	157.0W	277	34	A	40.3S	148.1W	280	36	B	39.0S	139.0W	279	37	A
JUL 24 70	38.1S	129.7W	274	38	A	38.0S	120.2W	268	39	B	38.5S	110.5W	264	40	B	39.7S	100.6W	260	40	C
JUL 25 70	41.2S	90.5W	257	40	C	43.1S	80.2W	255	40	C	45.2S	69.8W	254	40	D	47.4S	59.2W	253	39	D
JUL 26 70	49.6S	48.5W	253	38	C	51.8S	37.7W	253	36	C	53.8S	26.7W	254	35	C	55.6S	15.7W	255	33	C
JUL 27 70	57.1S	4.6W	257	32	C	58.4S	6.6E	259	31	C	59.4S	17.8E	262	30	D	60.1S	29.1E	264	29	D
JUL 28 70	60.6S	40.5E	266	29	D	60.9S	52.0E	268	29	D	61.1S	63.5E	269	29	D	61.1S	75.1E	271	29	D
JUL 29 70	60.9S	86.7E	273	29	D	60.5S	98.4E	274	30	D	60.1S	110.1E	275	30	C	59.5S	121.9E	276	31	C
JUL 30 70	58.9S	133.8E	277	32	C	58.1S	145.6E	277	33	C	57.3S	157.5E	277	33	B	56.5S	169.5E	278	34	A
JUL 31 70	55.6S	178.6W	278	35	A	54.7S	166.6W	277	36	B	53.7S	154.5W	277	37	B	52.8S	142.5W	277	38	C
AUG 1 70	51.9S	130.5W	277	38	C	51.0S	118.5W	277	39	C	50.0S	106.5W	277	40	D	49.1S	94.5W	277	40	D
AUG 2 70	48.3S	82.6W	276	41	D	47.4S	70.7W	276	42	D	46.6S	58.9W	276	42	D	45.8S	47.2W	275	42	D
AUG 3 70	45.0S	35.5W	275	43	D	44.3S	23.9W	275	43	D	43.6S	12.4W	274	43	D	43.0S	.9W	274	43	D
AUG 4 70	42.5S	10.3E	274	43	D	42.0S	21.5E	273	43	D	41.6S	32.6E	273	42	D	41.2S	43.5E	272	42	D
AUG 5 70	41.0S	54.2E	272	42	D	40.8S	64.8E	271	41	D	40.7S	75.3E	270	40	D	40.7S	85.5E	270	40	D
AUG 6 70	40.9S	95.6E	269	39	D	41.1S	105.5E	268	38	D	41.4S	115.2E	267	37	D	41.9S	124.6E	266	36	D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 2330  
00 GMT

		MPS R		06-GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
AUG 7 70	42.5S 133.9E	265	35 D	43.2S 142.9E	263	34 C	44.0S 151.7E	262	32 C	45.0S 160.2E	260	31 C			
AUG 8 70	46.1S 168.5E	258	30 C	47.3S 176.5E	257	28 B	48.5S 175.7W	258	27 B	49.3S 168.0W	262	26 A			
AUG 9 70	49.8S 160.4W	268	25 A	49.7S 152.8W	275	26 A	49.0S 145.1W	280	26 B	48.0S 137.4W	282	27 C			
AUG 10 70	46.8S 129.5W	284	29 C	45.4S 121.5W	283	30 C	44.2S 113.2W	280	31 C	43.3S 104.7W	276	33 C			
AUG 11 70	42.9S 95.9W	271	34 B	43.2S 86.7W	265	35 B	44.1S 77.1W	261	37 A	45.5S 67.1W	257	37 A			
AUG 12 70	47.2S 56.8W	255	38 A	49.2S 46.2W	254	38 B	51.1S 35.2W	256	37 C	52.6S 24.0W	260	36 C			
AUG 13 70	53.3S 12.7W	268	35 C	53.0S 1.3W	276	36 C	52.0S 10.2E	280	37 C	50.6S 21.9E	281	39 B			
AUG 14 70	49.2S 33.9E	279	41 B	48.1S 46.1E	276	43 A	47.4S 58.5E	273	44 A	47.2S 71.1E	271	44 B			
AUG 15 70	47.3S 83.8E	268	44 B	47.8S 96.5E	266	44 C	48.5S 109.2E	264	43 C	49.5S 121.7E	263	42 C			
AUG 16 70	50.6S 134.0E	262	40 C	51.7S 145.9E	262	38 C	52.7S 157.4E	262	35 B	53.5S 168.4E	263	33 B			
AUG 17 70	54.2S 178.8E	265	30 A	54.5S 171.6W	268	28 A	54.6S 162.5W	270	26 B	54.4S 153.8W	273	25 C			
AUG 18 70	54.1S 145.5W	275	25 C	53.7S 137.5W	276	24 C	53.1S 129.6W	277	25 D	52.5S 121.6W	277	25 D			
AUG 19 70	51.9S 113.6W	277	26 D	51.4S 105.4W	276	27 C	50.9S 96.8W	274	29 C	50.5S 87.7W	272	31 C			
AUG 20 70	50.4S 77.9W	270	33 B	50.5S 67.3W	268	36 B	50.8S 55.9W	266	38 A	51.4S 43.8W	265	40 A			
AUG 21 70	52.2S 30.9W	264	42 B	53.2S 17.4W	263	43 B	54.3S 3.6W	262	42 C	55.3S 10.4E	263	41 C			
AUG 22 70	56.2S 24.1E	264	39 C	56.9S 37.3E	266	36 C	57.2S 49.4E	270	32 C	56.9S 60.2E	277	28 B			
AUG 23 70	55.7S 69.1E	290	24 B	53.7S 75.9E	304	22 A	51.1S 81.0E	314	20 A	48.4S 85.2E	316	19 B			
AUG 24 70	46.0S 88.9E	309	17 A	44.2S 92.9E	295	17 A	43.2S 97.3E	280	18 A	43.0S 102.3E	267	20 B			
AUG 25 70	43.6S 108.0E	257	23 B	45.1S 114.5E	250	27 C	47.2S 121.7E	245	29 C	49.7S 129.3E	242	29 C			
AUG 26 70	52.5S 137.1E	240	29 C	55.3S 145.0E	238	27 C	58.1S 152.9E	237	26 C	60.7S 160.7E	237	24 C			
AUG 27 70	63.1S 168.5E	237	21 C	65.1S 176.2E	240	19 D	66.8S 176.3W	245	17 C	67.8S 168.9W	255	15 C			
AUG 28 70	68.2S 161.8W	269	13 C	67.9S 154.9W	286	14 B	66.7S 148.2W	301	15 B	64.8S 141.8W	311	18 A			
AUG 29 70	62.1S 135.7W	318	22 A	58.6S 129.8W	321	25 B	54.8S 124.1W	319	26 B	51.1S 118.3W	314	26 A			
AUG 30 70	47.8S 112.2W	304	26 A	45.5S 105.9W	293	26 B	43.9S 99.1W	283	26 A	43.1S 91.9W	275	28 A			
AUG 31 70	42.9S 84.3W	269	29 A	43.3S 76.3W	264	31 B	44.3S 67.9W	259	33 A	45.7S 59.0W	254	34 A			
SEP 1 70	47.8S 49.7W	250	35 B	50.2S 40.1W	248	35 B	52.6S 30.4W	251	32 A	54.2S 20.8W	260	29 A			
SEP 2 70	54.3S 11.6W	279	27 B	52.6S 3.0W	296	29 A	49.6S 5.4E	301	33 A	46.1S 14.2E	298	37 A			
SEP 3 70	43.1S 24.0E	288	41 B	41.2S 35.0E	279	45 A	40.2S 46.8E	273	47 A	40.0S 58.6E	270	46 B			
SEP 4 70	40.2S 69.7E	268	42 B	40.5S 79.7E	267	37 A	40.9S 88.6E	267	34 A	41.1S 97.1E	269	33 B			
SEP 5 70	41.1S 105.6E	271	34 A	40.8S 114.5E	273	35 A	40.4S 123.7E	273	37 B	40.1S 133.2E	272	38 A			
SEP 6 70	40.1S 142.9E	268	38 A	40.6S 152.6E	265	38 A	41.3S 162.0E	264	36 B	41.9S 171.0E	266	33 A			
SEP 7 70	42.0S 179.3E	273	30 A	41.3S 173.4W	280	27 A	40.2S 167.1W	286	24 B	38.9S 161.7W	289	21 A			
SEP 8 70	37.7S 157.1W	287	18 A	36.9S 153.3W	281	15 A	36.5S 149.5W	273	17 B	36.5S 144.9W	268	22 A			
SEP 9 70	36.7S 138.8W	266	30 A	37.2S 130.5W	265	38 A	37.9S 120.8W	265	42 B	38.7S 110.3W	265	42 A			
SEP 10 70	39.4S 100.1W	265	39 A	40.1S 90.7W	265	35 B	40.6S 82.3W	266	31 A	40.9S 74.8W	269	28 A			
SEP 11 70	40.8S 68.0W	274	25 A	40.2S 62.0W	279	23 B	39.4S 56.1W	281	24 A	38.5S 49.9W	281	27 A			
SEP 12 70	37.5S 42.9W	279	31 A	36.6S 34.8W	277	36 A	35.9S 25.8W	274	39 A	35.5S 16.2W	271	41 A			
SEP 13 70	35.6S 6.5W	268	40 B	36.2S 2.9E	264	39 A	37.2S 12.1E	261	37 A	38.5S 21.0E	258	36 A			
SEP 14 70	39.9S 29.5E	257	34 B	41.4S 37.7E	257	32 A	42.6S 45.6E	260	30 A	43.3S 53.3E	267	29 A			
SEP 15 70	43.2S 60.9E	277	29 A	42.1S 68.5E	285	30 A	40.3S 76.0E	288	31 A	38.5S 83.3E	287	31 B			
SEP 16 70	37.0S 90.5E	281	29 A	36.2S 97.4E	275	29 A	36.0S 104.4E	272	30 A	35.8S 111.8E	272	32 B			
SEP 17 70	35.4S 119.9E	275	36 A	34.5S 128.8E	278	40 A	33.4S 138.2E	278	41 B	32.4S 147.6E	276	41 B			
SEP 18 70	31.9S 156.6E	272	38 A	31.9S 164.8E	267	34 A	32.4S 172.2E	265	30 B	32.7S 178.8E	268	27 A			
SEP 19 70	32.6S 175.3W	276	25 A	31.8S 169.8W	282	23 A	31.0S 164.8W	278	22 B	31.0S 160.0W	260	21 A			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 2330  
00 GMT

			MPS	R	06 GMT		MPS	R	12 GMT		MPS	R	18 GMT		MPS	R				
SEP 20 70	32.7S	155.3W	234	25	A	36.5S	150.6W	221	32	A	41.6S	145.1W	221	35	B	46.5S	138.3W	230	36	A
SEP 21 70	50.0S	129.5W	250	36	A	51.2S	118.3W	270	39	B	50.3S	106.1W	282	41	B	48.1S	94.2W	290	40	A
SEP 22 70	45.2S	84.5W	297	33	A	42.4S	77.8W	304	25	B	39.9S	73.2W	305	20	A	38.1S	69.1W	292	20	A
SEP 23 70	37.2S	63.7W	274	27	A	37.4S	56.0W	264	36	A	38.5S	46.8W	260	39	A	40.0S	37.2W	257	38	A
SEP 24 70	41.7S	28.6W	254	31	A	43.1S	21.9W	253	23	A	44.1S	17.0W	256	16	A	44.5S	13.3W	270	12	A
SEP 25 70	44.1S	10.5W	297	11	B	42.7S	8.0W	316	13	A	40.6S	5.6W	321	16	A	38.1S	2.8W	317	18	A
SEP 26 70	35.6S	.5E	308	20	B	33.4S	4.8E	297	23	A	31.6S	10.2E	287	28	A	30.4S	16.9E	278	33	A
SEP 27 70	29.9S	25.1E	271	40	B	30.1S	34.8E	266	46	C	31.0S	45.8E	263	51	C	32.3S	57.6E	262	53	C
SEP 28 70	33.9S	69.8E	261	53	C	35.5S	82.0E	261	52	C	37.0S	94.0E	261	48	B	38.2S	105.2E	263	44	B
SEP 29 70	39.0S	115.6E	266	39	A	39.3S	124.7E	270	34	A	39.2S	132.6E	272	30	A	39.0S	139.7E	272	27	A
SEP 30 70	39.0S	146.0E	268	24	A	39.3S	151.8E	263	22	A	40.0S	157.1E	258	21	B	40.9S	162.3E	255	21	B
OCT 1 70	42.1S	167.5E	252	21	C	43.4S	172.7E	251	21	B	44.7S	178.3E	252	22	B	46.0S	175.8W	255	23	A
OCT 2 70	47.0S	169.4W	259	24	A	47.8S	162.3W	263	25	A	48.3S	154.9W	266	26	B	48.6S	147.2W	268	26	B
OCT 3 70	48.6S	139.6W	271	26	C	48.5S	132.1W	272	25	B	48.2S	125.0W	274	23	B	47.8S	118.5W	276	22	A
OCT 4 70	47.3S	112.6W	278	19	A	46.7S	107.5W	281	17	B	46.1S	102.9W	282	16	B	45.4S	98.7W	283	15	C
OCT 5 70	44.7S	94.6W	283	16	B	44.0S	90.4W	282	16	B	43.3S	85.9W	280	18	A	42.8S	81.0W	278	19	A
OCT 6 70	42.3S	75.7W	276	22	B	41.9S	69.8W	274	23	B	41.7S	63.6W	272	24	C	41.5S	57.3W	272	24	C
OCT 7 70	41.4S	51.3W	272	22	B	41.3S	45.8W	271	21	A	41.4S	40.5W	266	20	A	41.9S	35.2W	258	21	A
OCT 8 70	43.1S	29.6W	250	24	B	45.0S	23.4W	244	27	A	44.4S	16.4W	245	28	A	49.5S	8.7W	250	29	A
OCT 9 70	51.0S	.1W	260	30	B	51.5S	9.4E	270	32	A	51.1S	19.6E	276	34	A	50.2S	30.3E	278	36	A
OCT 10 70	49.2S	41.4E	277	38	A	48.4S	52.6E	275	39	A	48.0S	63.9E	272	39	A	48.1S	75.1E	268	39	B
OCT 11 70	48.7S	86.3E	263	38	A	49.9S	97.4E	258	37	A	51.5S	108.3E	256	35	A	53.0S	118.8E	257	33	B
OCT 12 70	54.3S	128.9E	260	30	B	55.0S	138.4E	266	27	B	55.1S	147.4E	273	26	B	54.5S	155.9E	280	25	A
OCT 13 70	53.5S	163.9E	286	25	A	51.9S	171.5E	290	25	A	50.2S	178.9E	288	26	B	48.8S	173.3W	282	28	A
OCT 14 70	48.2S	164.8W	272	31	A	48.5S	155.3W	264	34	A	49.4S	145.0W	262	36	B	50.3S	134.2W	264	36	A
OCT 15 70	50.7S	123.3W	270	35	A	50.2S	112.7W	277	35	B	49.1S	102.6W	280	33	A	48.1S	93.5W	279	30	A
OCT 16 70	47.6S	85.7W	270	24	A	48.0S	79.5W	258	20	B	49.1S	74.0W	250	19	A	50.5S	68.6W	251	20	A
OCT 17 70	51.6S	62.2W	259	23	B	52.2S	54.3W	266	27	A	52.3S	45.5W	271	28	A	52.1S	36.5W	273	28	A
OCT 18 70	51.8S	28.3W	274	24	B	51.5S	21.3W	274	21	A	51.2S	14.9W	273	21	A	51.0S	8.1W	272	24	A
OCT 19 70	50.9S	.0E	271	30	B	50.7S	10.1E	271	36	A	50.6S	21.9E	271	40	A	50.3S	34.7E	272	43	A
OCT 20 70	49.9S	47.9E	274	44	A	49.2S	60.8E	275	43	A	48.4S	73.2E	275	41	A	47.7S	84.8E	274	39	B
OCT 21 70	47.4S	95.3E	271	35	B	47.5S	104.6E	267	30	C	47.9S	112.6E	264	25	C	48.5S	119.3E	262	21	B
OCT 22 70	49.0S	124.7E	262	16	B	49.3S	128.8E	265	12	A	49.4S	132.2E	269	11	A	49.4S	135.4E	271	11	B
OCT 23 70	49.4S	139.0E	271	13	A	49.3S	143.4E	270	16	A	49.3S	148.5E	269	18	B	49.5S	154.1E	266	19	A
OCT 24 70	49.8S	160.0E	263	20	A	50.4S	165.9E	260	20	A	51.2S	171.8E	258	20	B	52.1S	177.9E	257	20	A
OCT 25 70	53.0S	175.9W	257	20	A	53.8S	169.6W	258	20	A	54.6S	163.1W	258	20	B	55.4S	156.5W	259	20	A
OCT 26 70	56.0S	149.7W	261	20	A	56.6S	142.8W	263	20	A	56.9S	136.0W	268	19	B	56.7S	129.2W	277	19	A
OCT 27 70	55.9S	122.7W	289	19	A	54.4S	116.6W	298	20	A	52.4S	110.8W	301	21	B	50.4S	105.3W	298	20	C
OCT 28 70	48.9S	99.9W	289	19	B	48.1S	94.8W	276	18	B	48.2S	89.6W	263	18	A	49.0S	84.5W	250	18	A
OCT 29 70	50.6S	79.4W	240	20	A	52.8S	74.1W	233	21	A	55.3S	68.6W	232	21	A	57.7S	62.6W	236	21	A
OCT 30 70	59.7S	56.1W	246	20	B	60.8S	48.9W	259	19	A	61.1S	41.3W	270	19	A	60.8S	33.5W	279	20	A
OCT 31 70	60.0S	25.8W	286	20	A	58.7S	18.3W	291	21	A	57.2S	11.3W	293	21	A	55.6S	4.5W	293	21	A
NOV 1 70	54.0S	2.0E	291	21	B	52.7S	8.2E	288	20	A	51.7S	14.3E	284	20	A	50.9S	20.4E	279	20	A
NOV 2 70	50.5S	26.6E	273	21	A	50.5S	33.1E	268	22	A	50.8S	40.1E	264	24	A	51.4S	48.1E	261	28	B

RELIABILITY INDEX,R. RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 2330  
00 GMT

				MPS R	06 GMT					MPS R	12 GMT					MPS R	18 GMT					MPS R
NOV 3 70	52.4S	57.4E	259	32	A	53.7S	68.2E	259	36	A	55.1S	80.1E	259	37	A	56.4S	93.0E	260	38	B		
NOV 4 70	57.5S	106.2E	263	37	A	58.2S	119.6E	266	36	A	58.5S	132.8E	269	35	A	58.4S	145.9E	273	35	B		
NOV 5 70	57.8S	158.7E	276	35	C	57.0S	171.0E	279	34	B	55.9S	177.0W	279	35	B	54.8S	165.2W	279	35	A		
NOV 6 70	53.9S	153.5W	276	36	A	53.3S	141.8W	274	36	A	53.0S	130.2W	271	36	B	53.0S	118.9W	270	34	B		
NOV 7 70	53.0S	108.0W	269	33	B	53.2S	97.7W	268	31	B	53.4S	87.8W	267	30	A	53.8S	78.1W	265	29	A		
NOV 8 70	54.4S	68.6W	263	29	A	55.1S	59.1W	263	28	A	55.6S	49.5W	267	28	A	55.6S	40.0W	275	28	A		
NOV 9 70	54.6S	30.7W	286	29	A	52.6S	21.4W	293	31	A	50.0S	12.2W	293	33	A	47.7S	2.7W	286	35	A		
NOV 10 70	46.5S	7.1E	273	36	B	46.9S	17.4E	262	38	A	48.2S	28.5E	259	40	A	49.4S	40.4E	263	42	A		
NOV 11 70	49.7S	53.3E	273	45	A	48.5S	67.2E	281	49	A	46.3S	81.1E	284	50	A	44.3S	94.1E	281	46	B		
NOV 12 70	43.3S	105.2E	271	37	A	44.1S	113.8E	252	29	A	46.5S	120.4E	236	26	B	49.7S	126.4E	228	27	B		
NOV 13 70	53.2S	132.7E	230	28	A	56.4S	140.2E	237	28	A	59.0S	149.0E	244	27	B	60.9S	158.5E	255	26	B		
NOV 14 70	61.6S	168.7E	268	25	C	61.1S	179.0E	282	26	B	59.6S	170.8W	292	28	B	57.2S	161.3W	299	29	A		
NOV 15 70	54.2S	152.9W	305	29	A	50.9S	145.8W	309	28	B	47.6S	139.5W	307	27	B	44.8S	133.3W	298	27	A		
NOV 16 70	42.8S	126.4W	284	29	A	42.1S	118.4W	272	32	B	42.2S	109.6W	266	35	B	42.9S	100.4W	263	35	C		
NOV 17 70	43.7S	91.4W	264	33	B	44.2S	82.9W	267	30	B	44.2S	75.2W	272	27	A	43.8S	68.4W	279	24	A		
NOV 18 70	42.7S	62.5W	290	22	A	40.9S	57.6W	302	20	B	38.7S	53.6W	309	20	A	36.2S	50.0W	313	19	A		
NOV 19 70	33.7S	46.7W	311	19	A	31.5S	43.4W	306	18	B	29.5S	40.0W	302	18	C	27.8S	36.6W	298	18	C		
NOV 20 70	26.3S	33.2W	294	17	C	25.1S	29.7W	289	17	C	24.2S	26.2W	281	17	C	23.8S	22.6W	271	17	B		
NOV 21 70	24.1S	18.9W	260	18	B	25.0S	15.0W	251	20	A	26.4S	10.8W	248	21	A	28.0S	6.4W	249	23	B		
NOV 22 70	29.5S	1.5W	253	24	B	30.8S	3.8E	258	25	A	31.6S	9.5E	262	25	A	32.0S	15.1E	267	25	A		
NOV 23 70	32.0S	20.6E	273	23	B	31.6S	25.8E	276	22	A	31.2S	30.5E	274	20	A	31.3S	34.8E	263	18	B		
NOV 24 70	32.2S	38.8E	244	18	A	34.3S	42.4E	230	20	A	37.1S	46.3E	229	23	A	39.9S	51.0E	237	25	A		
NOV 25 70	42.2S	57.2E	251	29	A	43.4S	65.2E	264	33	A	43.5S	74.4E	273	35	A	42.7S	83.6E	280	35	B		
NOV 26 70	41.2S	92.1E	288	31	A	39.1S	98.9E	296	27	A	36.8S	104.3E	300	23	A	34.7S	108.8E	298	20	B		
NOV 27 70	33.3S	112.8E	287	17	A	32.8S	116.7E	271	17	A	33.0S	120.7E	261	18	B	33.8S	125.1E	258	20	A		
NOV 28 70	34.6S	130.0E	259	23	A	35.4S	135.7E	261	25	A	36.1S	141.7E	263	25	B	36.6S	147.7E	265	24	A		
NOV 29 70	36.9S	153.3E	267	21	A	37.0S	158.1E	269	18	A	37.1S	162.2E	270	16	B	37.1S	165.9E	269	15	A		
NOV 30 70	37.2S	169.4E	266	14	A	37.5S	172.7E	264	14	A	37.7S	176.1E	265	14	B	37.9S	179.5E	269	14	A		
DEC 1 70	37.8S	177.0W	277	15	A	37.3S	173.2W	280	17	A	36.8S	168.6W	275	22	B	36.8S	162.4W	267	30	A		
DEC 2 70	37.5S	153.9W	260	41	A	39.4S	142.6W	256	50	A	42.0S	129.8W	255	53	A	44.6S	116.6W	255	49	A		
DEC 3 70	46.8S	104.6W	257	40	A	48.0S	94.8W	263	30	B	48.3S	86.9W	272	24	A	47.7S	80.3W	283	21	A		
DEC 4 70	46.4S	74.6W	293	21	A	44.5S	69.2W	299	22	B	42.3S	63.9W	299	23	A	40.4S	58.7W	294	22	A		
DEC 5 70	39.0S	53.5W	284	22	A	38.4S	48.1W	273	22	A	38.4S	42.5W	267	24	A	38.8S	36.4W	265	26	A		
DEC 6 70	39.2S	29.7W	266	28	B	39.5S	22.3W	269	31	A	39.6S	14.3W	270	32	A	39.5S	6.1W	271	33	A		
DEC 7 70	39.3S	2.3E	272	33	B	39.1S	10.5E	271	32	A	39.1S	18.2E	268	30	A	39.6S	25.2E	262	26	A		
DEC 8 70	40.7S	31.2E	249	23	B	42.7S	36.1E	235	21	A	45.4S	40.6E	226	22	A	48.5S	45.2E	225	24	B		
DEC 9 70	51.8S	50.8E	230	26	A	55.0S	57.9E	235	28	A	58.0S	66.5E	241	29	A	60.4S	76.4E	248	29	B		
DEC 10 70	62.0S	87.3E	258	28	B	62.6S	99.1E	269	29	C	62.4S	111.4E	276	30	B	61.5S	124.2E	280	32	A		
DEC 11 70	60.3S	137.2E	282	34	A	58.9S	150.1E	283	35	A	57.2S	162.3E	286	34	B	55.1S	173.5E	291	33	A		
DEC 12 70	52.4S	176.9W	299	31	A	49.3S	169.2W	305	28	A	46.5S	162.6W	299	26	B	44.7S	156.1W	281	25	A		
DEC 13 70	44.9S	148.6W	256	31	A	47.6S	139.4W	241	39	B	51.8S	129.6W	233	39	B	56.2S	120.4W	229	32	A		
DEC 14 70	59.4S	113.2W	234	19	A	60.3S	109.1W	275	7	B	59.3S	107.6W	355	10	B	56.7S	108.2W	14	17	C		
DEC 15 70	53.2S	110.3W	22	22	C	49.0S	113.3W	26	24	B	44.7S	116.5W	29	25	B	40.6S	119.7W	29	23	A		
DEC 16 70	36.9S	122.2W	26	19	B	34.1S	123.6W	16	13	B	32.2S	123.8W	344	8	B	31.2S	122.6W	285	9	A		

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 2330

00 GMT				MPS R	06 GMT				MPS R	12 GMT				MPS R	18 GMT				MPS R
DEC 17 70	31.2S	119.7W	260	17 A	32.2S	115.3W	252	23 B	33.8S	110.0W	251	25 A	35.2S	104.7W	253	22 A			
DEC 18 70	36.0S	100.4W	265	15 A	35.7S	97.5W	290	10 B	34.9S	95.6W	304	9 A	33.9S	93.5W	292	11 A			
DEC 19 70	33.5S	90.5W	270	16 A	33.9S	85.8W	259	24 B	35.1S	79.5W	257	30 A	36.5S	71.9W	258	35 A			
DEC 20 70	37.8S	63.2W	262	37 A	38.6S	53.8W	266	39 A	39.0S	43.7W	267	42 A	39.4S	33.0W	267	43 A			
DEC 21 70	39.9S	21.9W	266	45 A	40.7S	10.5W	264	45 A	41.6S	.9E	264	43 A	42.3S	11.7E	266	40 A			
DEC 22 70	42.5S	21.7E	272	35 A	41.9S	30.3E	278	31 A	40.8S	37.7E	284	27 A	39.4S	44.0E	289	25 A			
DEC 23 70	37.8S	49.4E	291	22 A	36.3S	54.2E	291	20 A	35.1S	58.6E	288	19 A	34.0S	62.9E	284	19 A			
DEC 24 70	33.3S	67.5E	279	21 B	32.8S	72.5E	274	23 C	32.6S	78.0E	271	24 C	32.7S	83.7E	268	25 C			
DEC 25 70	32.3S	89.5E	267	25 C	33.2S	95.3E	266	25 C	33.6S	101.1E	265	25 B	34.1S	106.7E	264	24 B			
DEC 26 70	34.6S	112.2E	264	23 A	35.0S	117.5E	264	22 A	35.5S	122.6E	264	21 B	35.8S	127.6E	265	21 B			
DEC 27 70	36.1S	132.5E	267	20 C	36.2S	137.2E	269	20 B	36.2S	141.9E	273	19 B	35.9S	146.6E	276	19 A			
DEC 28 70	35.3S	151.2E	281	20 A	34.5S	155.9E	282	21 A	33.7S	161.0E	278	23 B	33.3S	166.7E	270	26 A			
DEC 29 70	33.8S	173.3E	260	31 A	35.3S	179.0W	254	35 A	37.2S	170.9W	253	34 B	39.0S	163.2W	256	30 A			
DEC 30 70	39.8S	156.7W	268	22 A	39.3S	152.1W	291	16 A	37.9S	149.1W	311	12 B	36.4S	147.4W	324	8 A			
DEC 31 70	35.6S	146.7W	300	2 A	36.0S	146.5W	179	5 A	37.2S	146.6W	181	7 B	38.4S	146.4W	201	5 A			
JAN 1 71	38.9S	145.5W	277	5 A	38.1S	143.7W	307	11 B	36.4S	141.1W	311	16 B	34.3S	138.1W	309	17 A			
JAN 2 71	32.4S	134.9W	303	16 A	31.0S	131.9W	294	13 B	30.2S	129.4W	287	10 B	29.9S	127.8W	280	5 C			
JAN 3 71	29.9S	127.4W	116	1 C	30.1S	128.3W	106	6 B	30.5S	129.7W	112	6 A	30.9S	130.5W	162	3 A			
JAN 4 71	31.5S	129.7W	253	9 A	31.9S	126.7W	262	17 B	32.4S	122.2W	264	21 A	32.8S	117.5W	263	19 A			
JAN 5 71	33.2S	113.9W	260	12 A	33.6S	112.2W	241	4 B	34.1S	112.0W	154	2 A	34.5S	112.4W	134	3 A			
JAN 6 71	35.0S	112.9W	166	3 A	35.5S	112.7W	223	3 B	35.9S	111.8W	256	5 A	35.9S	110.5W	283	7 A			
JAN 7 71	35.2S	108.8W	306	9 A	33.9S	107.0W	318	11 B	32.2S	105.4W	325	10 B	30.9S	104.4W	335	5 A			
JAN 8 71	30.5S	104.5W	116	4 A	31.5S	105.9W	133	11 B	33.3S	108.1W	135	15 A	35.5S	110.8W	132	16 A			
JAN 9 71	37.2S	113.4W	124	12 A	38.0S	115.6W	103	8 B	37.9S	117.3W	73	7 B	37.3S	118.8W	50	7 C			
JAN 10 71	36.2S	120.2W	41	9 C	34.8S	121.5W	39	9 B	33.4S	122.9W	40	9 B	32.1S	124.3W	43	9 A			
JAN 11 71	31.0S	125.6W	50	7 A	30.3S	126.9W	64	6 A	29.9S	128.3W	82	7 B	29.9S	129.9W	97	8 A			
JAN 12 71	30.3S	131.9W	105	10 A	30.9S	134.3W	109	12 B	31.7S	136.7W	113	10 B	32.4S	138.5W	120	7 A			
JAN 13 71	33.0S	139.2W	189	2 A	33.1S	138.3W	271	7 A	32.9S	136.3W	277	11 B	32.6S	133.4W	279	13 A			
JAN 14 71	32.2S	130.3W	279	14 B	31.8S	127.3W	278	13 B	31.5S	124.7W	279	10 B	31.2S	122.7W	281	7 A			
JAN 15 71	31.0S	121.7W	294	2 A	30.8S	121.6W	55	2 B	30.6S	122.1W	58	3 B	30.3S	122.4W	4	2 A			
JAN 16 71	29.7S	121.9W	305	6 A	29.0S	120.2W	292	11 B	28.3S	117.8W	283	12 B	28.1S	115.3W	267	11 A			
JAN 17 71	28.7S	113.4W	227	8 A	30.3S	112.6W	185	10 B	32.3S	112.9W	165	11 A	34.2S	113.9W	147	10 A			
JAN 18 71	35.3S	115.3W	107	7 A	35.0S	116.9W	56	8 B	33.7S	118.4W	35	10 A	32.1S	119.4W	20	9 A			
JAN 19 71	30.8S	119.6W	350	6 A	30.0S	118.9W	293	5 B	29.9S	117.7W	268	6 B	30.0S	116.2W	260	6 C			
JAN 20 71	30.2S	115.1W	262	4 C	30.2S	114.6W	306	1 C	30.0S	114.7W	58	2 C	29.8S	115.3W	68	4 C			
JAN 21 71	29.6S	116.2W	74	4 C	29.4S	117.2W	79	5 B	29.2S	118.2W	84	5 B	29.2S	119.1W	91	4 A			
JAN 22 71	29.3S	120.0W	102	3 A	29.5S	120.6W	118	3 B	29.7S	121.0W	134	2 B	30.1S	121.3W	146	2 C			
JAN 23 71	30.4S	121.6W	150	2 C	30.7S	121.8W	145	2 C	31.0S	122.1W	126	2 C	31.1S	122.5W	97	2 C			
JAN 24 71	31.1S	123.0W	75	3 C	30.8S	123.8W	64	4 B	30.3S	124.8W	59	6 A	29.7S	126.0W	56	7 A			
JAN 25 71	28.8S	127.3W	53	8 A	27.9S	128.7W	52	8 B	27.0S	130.0W	51	7 B	26.2S	131.1W	49	5 A			
JAN 26 71	25.7S	131.6W	40	2 A	25.7S	131.6W	249	1 B	25.9S	131.1W	242	3 B	26.1S	130.6W	244	3 A			
JAN 27 71	26.2S	130.2W	274	1 A	26.1S	130.2W	15	1 B	25.8S	130.2W	355	2 B	25.5S	130.0W	293	3 A			
JAN 28 71	25.5S	129.1W	265	6 A	25.7S	127.3W	258	11 B	26.3S	124.8W	255	13 A	27.0S	122.0W	254	13 A			
JAN 29 71	27.6S	119.3W	254	12 A	28.2S	116.9W	253	10 B	28.8S	115.0W	248	8 A	29.5S	113.5W	238	7 A			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

200MB GHOST BALLOON 2330

		00 GMT				06 GMT				12 GMT				18 GMT							
		MPS		R		MPS		R		MPS		R		MPS		R					
JAN 30	71	30.4S	112.3W	222	7	A	31.5S	111.3W	214	7	B	32.6S	110.3W	221	8	A	33.6S	108.9W	240	8	A
JAN 31	71	34.2S	106.8W	263	11	A	34.1S	103.7W	276	15	B	33.7S	100.1W	281	16	A	33.0S	96.4W	283	16	A
FEB 1	71	32.4S	93.2W	282	13	A	32.0S	90.6W	277	10	B	32.0S	88.5W	265	9	A	32.3S	86.4W	254	11	A
FEB 2	71	33.1S	83.6W	248	15	A	34.4S	79.9W	246	19	B	36.1S	75.3W	247	23	A	38.0S	69.8W	248	26	A
FEB 3	71	39.8S	63.5W	250	27	A	41.5S	56.7W	254	28	B	42.9S	49.4W	259	29	A	43.7S	41.7W	265	29	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)





DATA FOR 100-mb FLIGHTS; 1966-1970



100MB GHOST BALLOON 95F

00 GMT					06 GMT					12 GMT					18 GMT				
	MPS	R				MPS	R				MPS	R				MPS	R		
SEP 18 67	35.1S	175.6W	300	20 A	33.3S	171.5W	297	20 A	31.6S	167.5W	296	19 B	30.0S	163.7W	295	18 B			
SEP 19 67	28.7S	160.0W	291	17 C	27.6S	156.5W	286	16 B	27.0S	153.2W	279	15 B	26.7S	150.0W	269	14 A			
SEP 20 67	27.0S	147.0W	257	14 A	27.9S	144.0W	248	15 B	29.2S	140.5W	247	19 B	30.8S	135.9W	251	25 A			
SEP 21 67	32.4S	129.6W	256	33 A	33.9S	121.1W	259	41 B	35.4S	111.1W	261	45 B	36.7S	100.3W	262	45 C			
SEP 22 67	37.9S	89.6W	262	43 B	39.0S	79.6W	262	39 B	40.0S	70.3W	262	36 A	40.9S	61.6W	263	33 A			
SEP 23 67	41.6S	53.3W	265	31 B	42.0S	45.3W	266	30 B	42.5S	37.6W	265	29 A	43.0S	30.3W	263	27 A			
SEP 24 67	43.8S	23.5W	258	25 B	44.9S	17.2W	254	23 A	46.2S	11.6W	252	20 A	47.2S	6.5W	256	17 A			
SEP 25 67	47.6S	2.2W	269	14 B	47.2S	1.5E	287	13 B	46.3S	4.8E	297	13 C	45.0S	8.3E	296	15 B			
SEP 26 67	43.8S	12.2E	289	17 B	42.9S	17.2E	280	21 A	42.4S	23.7E	274	28 A	42.2S	32.3E	270	38 A			
SEP 27 67	42.3S	43.6E	268	49 A	42.7S	57.9E	267	59 A	43.3S	74.5E	267	65 A	44.0S	92.5E	267	68 B			
SEP 28 67	44.6S	110.9E	267	67 A	45.1S	128.8E	268	64 A	45.6S	146.1E	268	61 B	46.1S	162.6E	267	57 B			
SEP 29 67	46.8S	178.2E	266	53 C	47.6S	167.2W	265	49 C	48.6S	153.4W	264	46 C	49.6S	140.2W	263	43 D			
SEP 30 67	50.5S	127.5W	264	42 D	51.3S	114.9W	265	41 C	51.8S	102.0W	267	42 C	52.0S	88.4W	270	45 C			
OCT 1 67	51.8S	73.6W	273	50 B	51.0S	57.3W	275	54 B	49.8S	40.4W	277	56 A	48.4S	24.0W	279	55 A			
OCT 2 67	46.6S	9.0W	281	50 B	44.8S	3.6E	283	42 A	42.9S	13.7E	286	34 A	41.2S	21.1E	289	25 B			
OCT 3 67	39.8S	26.0E	294	16 B	38.8S	28.5E	305	7 A	38.2S	29.3E	337	3 A	37.9S	29.3E	12	1 B			
OCT 4 67	37.8S	29.5E	263	2 B	38.0S	30.6E	258	7 C	38.3S	32.5E	256	10 C	38.9S	35.1E	254	12 C			
OCT 5 67	39.6S	38.1E	252	13 D	40.5S	41.3E	249	14 D	41.5S	44.6E	248	15 D	42.6S	48.3E	247	16 D			
OCT 6 67	43.8S	52.3E	247	17 D	45.1S	56.7E	248	18 C	46.5S	61.4E	248	19 C	47.9S	66.5E	248	19 C			
OCT 7 67	49.3S	71.7E	248	19 C	50.8S	77.0E	247	19 C	52.2S	82.3E	246	18 C	53.5S	87.1E	243	16 D			
OCT 8 67	54.9S	91.3E	239	13 C	56.2S	94.6E	231	10 C	57.4S	96.7E	214	7 C	58.4S	97.4E	175	5 B			
OCT 9 67	59.4S	96.3E	130	7 B	60.3S	93.1E	111	11 A	61.0S	88.1E	102	15 A	61.5S	81.4E	97	19 B			
OCT 10 67	61.9S	73.0E	94	22 B	62.1S	63.3E	92	25 B	62.2S	52.4E	90	27 B	62.1S	40.8E	88	29 A			
OCT 11 67	61.9S	28.6E	87	30 A	61.5S	16.2E	86	30 B	61.0S	4.5E	85	28 B	60.6S	5.8W	85	24 C			
OCT 12 67	60.3S	13.9W	87	17 B	60.2S	19.1W	91	9 B	60.4S	21.4W	119	3 A	60.7S	20.9W	244	5 A			
OCT 13 67	61.2S	17.8W	254	11 B	61.9S	12.4W	256	16 B	62.6S	5.4W	258	18 C	63.4S	2.4E	259	19 C			
OCT 14 67	64.0S	10.2E	260	17 C	64.4S	17.2E	263	15 C	64.7S	23.6E	265	13 D	64.9S	29.3E	268	12 D			
OCT 15 67	64.9S	34.8E	270	12 D	64.9S	40.0E	273	11 D	64.7S	45.0E	275	11 D	64.5S	49.8E	278	10 D			
OCT 16 67	64.2S	54.4E	281	10 D	63.8S	58.7E	283	10 D	63.3S	62.8E	286	10 D	62.8S	66.7E	288	9 D			
OCT 17 67	62.2S	70.5E	290	9 D	61.5S	74.1E	291	9 D	60.9S	77.6E	292	9 D	60.2S	81.1E	293	10 D			
OCT 18 67	59.4S	84.5E	293	10 D	58.7S	87.9E	293	10 D	57.9S	91.2E	293	10 D	57.2S	94.6E	293	10 D			
OCT 19 67	56.4S	98.0E	292	10 D	55.6S	101.4E	291	11 C	54.9S	104.9E	289	11 C	54.2S	108.5E	288	12 C			
OCT 20 67	53.5S	112.3E	286	12 C	52.9S	116.2E	284	13 B	52.3S	120.3E	282	13 A	51.8S	124.6E	280	14 A			
OCT 21 67	51.3S	129.0E	279	15 B	50.9S	133.6E	277	15 B	50.6S	138.5E	276	16 C	50.3S	143.4E	275	17 C			
OCT 22 67	50.0S	148.5E	274	17 C	49.8S	153.8E	273	18 D	49.7S	159.1E	272	18 D	49.5S	164.5E	272	18 D			
OCT 23 67	49.4S	169.9E	271	18 D	49.4S	175.4E	271	18 D	49.3S	179.1W	270	19 D	49.3S	173.5W	270	19 D			
OCT 24 67	49.4S	168.0W	270	18 D	49.4S	162.5W	269	18 D	49.5S	157.1W	269	18 C	49.5S	151.7W	269	18 C			
OCT 25 67	49.6S	146.4W	269	17 C	49.7S	141.3W	268	17 B	49.8S	136.2W	268	17 B	49.9S	131.3W	268	16 A			
OCT 26 67	50.0S	126.5W	268	16 B	50.1S	121.8W	268	15 B	50.2S	117.3W	268	15 C	50.3S	112.9W	268	14 C			
OCT 27 67	50.4S	108.5W	268	14 C	50.5S	104.2W	268	14 D	50.6S	99.9W	268	14 D	50.7S	95.6W	268	14 D			
OCT 28 67	50.8S	91.4W	268	14 D	50.8S	87.1W	268	14 D	50.9S	82.7W	268	14 D	51.0S	78.3W	268	15 D			
OCT 29 67	51.1S	73.7W	268	15 D	51.2S	69.1W	268	15 D	51.3S	64.3W	268	16 D	51.4S	59.4W	268	16 D			
OCT 30 67	51.5S	54.3W	268	17 D	51.6S	49.0W	268	17 D	51.7S	43.6W	268	18 D	51.8S	37.8W	268	19 D			
OCT 31 67	51.9S	31.8W	269	20 D	52.0S	25.4W	269	21 D	52.1S	18.7W	269	22 D	52.2S	11.8W	269	22 D			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 95F  
00 GMT

				MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R						
NOV 1 67	52.3S	4.7W	269	23 C	52.4S	2.6E	269	23 C	52.5S	10.3E	269	25 C	52.6S	18.4E	269	26 B
NOV 2 67	52.7S	27.3E	269	29 B	52.8S	37.0E	269	32 A	52.9S	47.6E	269	34 A	53.1S	59.1E	269	37 B
NOV 3 67	53.2S	71.3E	269	39 B	53.3S	84.3E	269	41 C	53.4S	97.7E	269	42 C	53.5S	111.3E	269	41 C
NOV 4 67	53.5S	124.6E	270	40 D	53.6S	137.6E	270	38 D	53.6S	149.7E	270	36 D	53.6S	160.9E	270	32 C
NOV 5 67	53.6S	170.9E	270	28 C	53.6S	179.3E	271	23 C	53.5S	174.0W	271	18 B	53.4S	169.3W	274	11 B
NOV 6 67	53.3S	166.6W	283	5 A	53.0S	166.1W	31	2 A	52.7S	166.8W	59	4 B	52.3S	167.7W	40	3 A
NOV 7 67	51.9S	167.6W	312	4 A	51.3S	165.8W	287	9 A	50.9S	162.6W	279	12 B	50.7S	158.8W	272	13 A
NOV 8 67	50.8S	154.9W	261	12 A	51.3S	151.5W	251	10 B	52.0S	148.8W	248	8 B	52.4S	146.6W	261	6 A
NOV 9 67	52.3S	145.1W	310	5 A	51.2S	144.1W	340	7 A	49.7S	143.5W	347	8 B	48.3S	142.9W	341	7 A
NOV 10 67	47.5S	142.1W	297	4 A	47.7S	141.0W	238	5 A	48.4S	139.7W	227	7 B	49.2S	138.2W	234	6 A
NOV 11 67	49.5S	137.0W	279	4 A	49.0S	136.0W	330	6 B	47.7S	135.2W	341	8 B	46.1S	134.5W	341	9 A
NOV 12 67	44.7S	133.7W	333	8 A	43.6S	132.6W	315	7 B	42.8S	131.1W	297	7 B	42.3S	129.2W	284	8 A
NOV 13 67	42.0S	126.8W	277	10 A	41.8S	123.7W	274	13 B	41.6S	120.2W	272	15 B	41.6S	116.1W	270	17 C
NOV 14 67	41.6S	111.5W	269	18 C	41.8S	106.6W	267	20 C	42.0S	101.2W	266	21 D	42.3S	95.6W	265	22 D
NOV 15 67	42.7S	89.7W	264	23 C	43.2S	83.5W	264	24 C	43.7S	77.1W	264	24 C	44.1S	70.5W	266	24 C
NOV 16 67	44.4S	63.9W	268	24 B	44.5S	57.2W	269	25 A	44.6S	50.5W	267	25 A	45.1S	43.7W	261	25 A
NOV 17 67	46.2S	36.8W	252	26 B	48.2S	29.8W	245	27 A	50.5S	22.2W	245	29 A	52.8S	13.6W	250	31 A
NOV 18 67	54.5S	3.6W	259	33 B	55.2S	7.9E	268	35 A	55.0S	19.6E	275	33 A	54.2S	29.9E	281	28 A
NOV 19 67	52.9S	37.2E	294	18 B	51.5S	40.4E	328	9 A	50.0S	40.8E	11	7 A	48.7S	40.2E	14	6 B
NOV 20 67	47.8S	40.5E	309	6 B	47.3S	43.2E	278	14 A	47.0S	48.2E	273	21 A	46.8S	55.1E	273	27 B
NOV 21 67	46.3S	63.4E	276	32 A	45.6S	72.6E	278	34 A	44.5S	82.0E	279	34 A	43.4S	90.7E	281	31 B
NOV 22 67	42.4S	97.9E	281	24 B	41.6S	102.9E	282	16 C	41.1S	106.2E	283	11 B	40.7S	108.5E	280	8 B
NOV 23 67	40.5S	110.5E	275	8 A	40.4S	112.8E	271	9 A	40.5S	115.1E	266	9 B	40.7S	117.1E	258	7 B
NOV 24 67	41.1S	118.6E	238	5 C	41.7S	119.2E	199	4 C	42.4S	119.4E	180	5 C	43.4S	119.4E	183	6 C
NOV 25 67	44.6S	119.7E	197	7 C	46.0S	120.7E	215	9 B	47.6S	122.8E	228	13 B	49.5S	126.5E	237	19 A
NOV 26 67	51.7S	132.4E	242	25 A	54.1S	140.5E	245	30 A	56.5S	150.2E	248	32 B	58.7S	160.8E	251	30 A
NOV 27 67	60.2S	171.2E	258	27 A	60.9S	179.1W	266	23 A	60.9S	170.6W	274	20 B	60.4S	163.2W	279	18 A
NOV 28 67	59.8S	157.0W	283	15 A	59.2S	151.9W	284	13 A	58.6S	147.2W	285	14 B	57.8S	141.8W	285	17 A
NOV 29 67	56.8S	134.6W	284	24 A	55.5S	125.2W	284	31 A	54.0S	114.8W	285	33 B	52.2S	104.9W	289	30 A
NOV 30 67	50.3S	97.2W	297	22 A	48.3S	92.9W	316	14 B	46.3S	90.8W	330	11 A	44.5S	89.2W	321	11 A
DEC 1 67	42.9S	86.3W	295	17 B	41.7S	80.9W	281	26 B	41.1S	73.3W	272	33 A	41.2S	64.2W	265	37 A
DEC 2 67	42.4S	54.5W	257	38 A	44.5S	44.8W	251	38 B	47.0S	35.2W	249	36 C	49.2S	25.8W	253	32 B
DEC 3 67	50.3S	16.8W	267	29 B	49.8S	8.3W	284	28 A	47.8S	.3W	297	30 A	44.7S	7.0E	306	31 A
DEC 4 67	40.8S	13.3E	313	31 B	36.5S	18.7E	318	30 A	32.2S	22.9E	324	27 A	28.2S	25.8E	333	22 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

## 100MB GHOST BALLOON 96W

	00 GMT			MPS R	06 GMT			MPS R	12 GMT			MPS R	18 GMT			MPS R
SEP 20 67	46.8S	179.9E	273	9 A	46.7S	177.6W	277	9 A	46.4S	175.2W	283	8 B	46.0S	173.0W	288	8 A
SEP 21 67	45.4S	170.9W	292	8 A	44.8S	168.9W	295	8 A	44.1S	166.7W	296	9 B	43.3S	164.5W	295	10 A
SEP 22 67	42.5S	162.0W	294	11 A	41.6S	159.4W	292	11 A	40.8S	156.6W	291	11 B	40.0S	153.9W	290	11 A
SEP 23 67	39.4S	151.5W	289	10 A	38.8S	149.3W	286	8 A	38.4S	147.4W	282	8 B	38.2S	145.3W	276	9 A
SEP 24 67	38.1S	143.1W	271	10 A	38.1S	140.4W	267	12 B	38.3S	137.4W	263	13 B	38.7S	134.1W	259	14 A
SEP 25 67	39.3S	130.8W	254	14 A	40.2S	127.3W	251	15 B	41.2S	123.3W	253	18 B	42.1S	118.3W	258	22 A
SEP 26 67	43.0S	111.7W	263	29 A	43.6S	103.2W	266	35 B	44.1S	93.4W	266	38 A	44.8S	83.1W	263	38 A
SEP 27 67	45.8S	73.0W	259	36 A	47.4S	63.6W	253	33 B	49.4S	54.6W	250	32 A	51.6S	45.4W	250	32 A
SEP 28 67	53.7S	35.5W	252	34 B	55.5S	24.5W	256	34 A	56.8S	12.9W	260	33 A	57.5S	1.7W	267	30 A
SEP 29 67	57.4S	8.3E	277	26 B	56.4S	16.6E	289	22 A	54.7S	23.3E	296	21 A	53.0S	29.1E	297	19 A
SEP 30 67	51.5S	34.5E	289	18 B	50.7S	39.9E	279	18 A	50.4S	45.0E	273	16 A	50.4S	49.7E	270	14 B
OCT 1 67	50.3S	53.6E	274	11 A	50.1S	56.6E	282	9 A	49.6S	58.9E	290	7 A	49.2S	60.7E	293	7 B
OCT 2 67	48.7S	62.6E	289	7 A	48.3S	64.7E	282	8 A	48.1S	67.1E	275	9 A	48.0S	69.8E	268	10 B
OCT 3 67	48.2S	72.9E	262	11 A	48.6S	76.3E	259	12 A	49.0S	80.0E	261	13 A	49.3S	83.9E	266	13 B
OCT 4 67	49.3S	87.9E	276	14 A	48.8S	92.0E	285	14 A	47.9S	96.1E	290	15 A	46.8S	100.2E	293	15 B
OCT 5 67	45.7S	104.0E	292	14 B	44.7S	107.6E	290	13 C	44.0S	110.9E	286	13 C	43.4S	114.2E	280	12 C
OCT 6 67	43.1S	117.4E	273	12 C	43.2S	120.6E	266	13 C	43.4S	124.1E	262	14 B	43.8S	128.0E	261	16 B
OCT 7 67	44.3S	132.6E	262	18 A	44.8S	137.9E	262	20 A	45.4S	143.3E	260	19 B	46.1S	148.2E	254	16 A
OCT 8 67	47.1S	151.7E	237	11 A	48.4S	153.5E	217	8 A	49.4S	154.9E	237	6 B	49.6S	157.3E	280	12 A
OCT 9 67	48.4S	162.3E	295	26 A	45.5S	170.7E	297	39 A	41.8S	179.4W	297	42 B	38.3S	170.6W	297	33 A
OCT 10 67	36.3S	165.7W	298	10 A	36.4S	166.3W	115	13 A	38.2S	170.7W	117	25 B	40.5S	176.5W	119	25 A
OCT 11 67	42.6S	179.0E	126	14 A	43.7S	177.7E	201	3 A	43.8S	179.3E	278	10 B	43.2S	177.4W	285	15 A
OCT 12 67	42.3S	173.1W	287	17 A	41.3S	168.9W	287	17 A	40.4S	164.6W	284	17 B	39.7S	160.2W	279	18 A
OCT 13 67	39.4S	155.6W	271	19 A	39.6S	150.5W	264	21 B	40.2S	145.2W	259	22 B	41.1S	139.7W	256	22 C
OCT 14 67	42.2S	134.0W	255	22 C	43.4S	128.4W	254	22 C	44.5S	122.8W	256	21 C	45.3S	117.4W	260	20 C
OCT 15 67	45.8S	112.2W	267	18 B	45.7S	107.3W	276	17 B	45.1S	102.8W	285	16 A	44.1S	98.7W	294	16 A
OCT 16 67	42.7S	95.1W	303	15 A	40.9S	91.9W	309	15 B	39.2S	89.2W	310	14 A	37.6S	86.6W	304	12 A
OCT 17 67	36.6S	84.2W	289	10 A	36.3S	81.8W	269	10 B	36.6S	79.4W	256	11 A	37.2S	76.8W	250	12 A
OCT 18 67	38.1S	74.0W	250	13 A	38.9S	70.9W	252	14 B	39.7S	67.4W	254	15 A	40.5S	63.4W	256	17 A
OCT 19 67	41.3S	58.9W	257	19 A	42.2S	53.7W	258	21 B	43.0S	47.9W	260	23 A	43.7S	41.7W	263	24 A
OCT 20 67	44.1S	35.0W	266	25 B	44.3S	28.2W	270	25 A	44.2S	21.4W	272	25 A	44.1S	14.8W	273	23 A
OCT 21 67	43.9S	8.8W	272	21 B	43.8S	3.4W	270	19 A	43.8S	1.6E	267	19 A	44.2S	6.8E	262	20 A
OCT 22 67	45.0S	12.5E	257	23 B	46.3S	19.1E	254	26 A	47.7S	26.4E	254	27 A	49.1S	34.1E	256	27 A
OCT 23 67	50.2S	41.9E	261	26 A	50.6S	49.5E	268	24 A	50.5S	56.7E	277	22 A	49.6S	63.0E	287	20 B
OCT 24 67	48.2S	68.3E	300	18 A	46.1S	72.2E	314	17 A	43.8S	75.0E	323	14 A	41.8S	77.0E	325	11 B
OCT 25 67	40.4S	78.4E	314	7 A	40.1S	79.5E	264	4 A	40.5S	80.6E	229	6 A	41.5S	81.9E	224	8 B
OCT 26 67	42.7S	83.6E	232	10 A	43.8S	86.0E	241	11 A	44.8S	88.8E	248	11 A	45.4S	91.8E	257	11 B
OCT 27 67	45.7S	94.6E	270	9 A	45.4S	97.0E	286	9 A	44.8S	99.2E	296	9 A	44.0S	101.2E	299	9 B
OCT 28 67	43.2S	103.4E	294	9 A	42.6S	105.8E	287	10 A	42.1S	108.5E	281	11 B	41.7S	111.3E	277	12 B
OCT 29 67	41.5S	114.4E	273	12 C	41.5S	117.7E	270	13 C	41.5S	121.0E	268	13 B	41.7S	124.2E	265	12 A
OCT 30 67	41.9S	127.1E	262	11 A	42.2S	129.6E	264	9 A	42.2S	131.7E	278	7 B	41.7S	133.2E	313	7 B
OCT 31 67	40.3S	134.2E	345	10 A	37.9S	134.6E	359	15 A	34.7S	134.4E	4	18 B	31.0S	134.0E	7	20 A
NOV 1 67	27.2S	133.4E	8	20 A	23.5S	132.8E	8	18 A	20.5S	132.4E	4	14 B	18.4S	132.5E	349	8 A
NOV 2 67	17.7S	133.1E	259	5 A	18.9S	134.4E	218	14 A	22.3S	136.8E	210	28 A	28.3S	140.3E	206	43 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 97V  
00 GMT

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS		R		MPS		R		MPS		R		MPS		R	
SEP 21 67	39.4S	176.2W	270	10 A	39.3S	173.7W	271	10 A	39.3S	171.2W	265	10 B	39.5S	168.6W	263	10 A
SEP 22 67	39.7S	166.2W	265	10 A	39.8S	163.7W	270	10 A	39.7S	161.3W	278	9 B	39.3S	159.0W	291	10 A
SEP 23 67	38.4S	156.9W	305	10 A	37.0S	154.8W	314	12 A	35.3S	152.6W	315	13 B	33.5S	150.3W	311	14 A
SEP 24 67	31.7S	147.6W	302	15 A	30.3S	144.4W	293	16 B	29.3S	141.1W	288	15 B	28.5S	138.0W	285	13 A
SEP 25 67	27.9S	135.6W	283	9 A	27.7S	134.0W	277	6 A	27.6S	132.5W	266	8 B	27.9S	130.1W	262	14 A
SEP 26 67	28.5S	125.9W	261	25 A	29.3S	119.2W	262	35 B	30.3S	110.7W	263	41 A	31.2S	101.2W	264	43 A
SEP 27 67	31.9S	91.7W	267	40 A	32.2S	83.0W	269	36 B	32.1S	75.4W	272	31 A	31.9S	69.1W	273	24 A
SEP 28 67	31.6S	64.3W	274	17 A	31.4S	61.0W	272	12 B	31.5S	58.7W	264	9 A	31.8S	56.6W	255	11 A
SEP 29 67	32.6S	53.8W	251	15 A	33.7S	49.9W	251	20 A	34.9S	45.3W	254	21 A	35.8S	40.7W	260	18 A
SEP 30 67	36.0S	37.0W	276	13 A	35.3S	34.6W	309	9 A	33.9S	33.4W	340	8 A	32.3S	33.2W	3	8 A
OCT 1 67	31.0S	33.5W	25	6 B	30.4S	34.1W	56	3 A	30.3S	34.5W	134	1 A	30.6S	34.2W	241	4 A
OCT 2 67	31.0S	32.8W	256	10 B	31.4S	29.8W	262	16 A	31.8S	25.8W	265	19 A	32.1S	21.3W	266	20 A
OCT 3 67	32.3S	16.8W	268	18 B	32.3S	12.8W	269	17 A	32.4S	8.9W	268	17 A	32.6S	4.6W	265	20 A
OCT 4 67	33.2S	.6E	261	26 B	34.2S	7.2E	259	31 A	35.4S	14.7E	258	34 A	36.8S	22.8E	259	34 A
OCT 5 67	38.0S	30.9E	260	33 A	38.9S	38.6E	262	30 A	39.6S	45.8E	264	27 A	40.1S	52.3E	264	24 A
OCT 6 67	40.6S	57.9E	262	20 A	41.2S	62.6E	261	17 A	41.6S	66.5E	263	14 A	41.8S	69.7E	271	12 B
OCT 7 67	41.5S	72.7E	285	11 A	40.6S	75.4E	298	12 A	39.4S	78.0E	305	13 A	37.9S	80.5E	307	13 B
OCT 8 67	36.5S	83.1E	303	13 A	35.2S	85.7E	298	13 A	34.1S	88.3E	294	12 A	33.3S	90.8E	290	11 B
OCT 9 67	32.7S	93.0E	285	9 A	32.4S	94.9E	280	8 A	32.2S	96.7E	276	8 A	32.0S	98.5E	275	8 B
OCT 10 67	31.9S	100.6E	276	10 A	31.6S	103.1E	277	11 A	31.3S	105.7E	277	11 A	31.1S	108.0E	276	9 B
OCT 11 67	31.0S	109.8E	271	6 A	31.1S	110.8E	259	3 A	31.2S	111.3E	242	1 A	31.3S	111.5E	267	1 B
OCT 12 67	31.2S	111.8E	303	2 A	30.8S	112.3E	308	4 A	30.3S	113.0E	312	4 A	29.8S	113.5E	325	3 B
OCT 13 67	29.5S	113.6E	48	1 A	29.5S	113.1E	99	3 A	29.7S	112.2E	113	4 A	30.1S	111.4E	132	4 B
OCT 14 67	30.7S	111.0E	175	3 A	31.4S	111.3E	217	5 A	32.2S	112.2E	231	7 A	33.0S	113.6E	236	8 B
OCT 15 67	33.9S	115.2E	238	8 A	34.7S	116.8E	238	8 A	35.5S	118.3E	235	7 B	36.2S	119.4E	227	5 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 98Q  
00 GMT

				MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R						
OCT 1 67	48.4S	173.6W	240	14 A	49.7S	170.5W	244	14 A	50.8S	166.2W	251	16 B	51.8S	161.1W	255	17 A
OCT 2 67	52.5S	155.7W	258	18 A	53.2S	150.1W	260	17 A	53.7S	144.9W	261	15 B	54.1S	140.3W	262	13 A
OCT 3 67	54.4S	136.6W	262	9 A	54.6S	134.1W	263	6 A	54.7S	132.1W	270	6 B	54.6S	129.7W	277	8 A
OCT 4 67	54.3S	126.3W	280	13 A	53.7S	121.2W	281	18 B	52.9S	115.0W	282	20 B	52.0S	108.7W	284	20 A
OCT 5 67	51.1S	103.0W	287	17 A	50.1S	98.7W	293	13 B	49.2S	95.7W	299	9 B	48.4S	93.7W	304	7 A
OCT 6 67	47.7S	92.3W	307	5 A	47.2S	91.3W	300	4 B	47.0S	90.4W	276	4 A	47.1S	89.2W	255	5 A
OCT 7 67	47.6S	87.5W	246	8 A	48.3S	84.7W	249	12 B	49.2S	80.6W	257	17 A	49.7S	74.5W	267	24 A
OCT 8 67	49.6S	66.1W	275	33 B	48.7S	55.1W	279	41 B	47.3S	42.7W	279	45 A	46.1S	30.3W	276	43 A
OCT 9 67	45.8S	19.4W	268	35 B	46.7S	10.9W	254	28 A	48.8S	3.8W	240	27 A	51.8S	3.5E	235	31 A
OCT 10 67	55.6S	12.6E	235	37 B	59.9S	24.7E	237	41 A	64.1S	39.1E	240	40 A	67.5S	54.6E	245	34 A
OCT 11 67	69.5S	70.4E	258	28 B	69.7S	85.3E	277	26 B	68.4S	98.9E	291	26 B	66.3S	110.6E	299	25 A
OCT 12 67	64.0S	119.9E	303	22 A	61.8S	126.7E	305	18 A	60.0S	132.3E	303	16 A	58.3S	138.0E	295	19 B
OCT 13 67	56.8S	145.4E	287	26 C	55.3S	155.6E	283	34 B	53.9S	167.4E	281	38 B	52.5S	179.3E	282	37 A
OCT 14 67	51.0S	170.2W	285	31 A	49.4S	162.3W	291	24 A	47.7S	156.7W	299	19 B	45.8S	152.6W	307	17 A
OCT 15 67	43.8S	149.0W	310	17 A	41.6S	145.4W	310	18 A	39.3S	141.8W	309	19 B	36.9S	138.1W	308	19 C
OCT 16 67	34.7S	134.5W	307	18 C	32.7S	131.1W	304	17 C	31.0S	127.9W	300	16 C	29.7S	124.9W	292	14 C
OCT 17 67	29.0S	122.2W	280	12 B	29.0S	119.8W	262	11 B	29.6S	117.5W	244	11 A	30.9S	115.2W	232	14 A
OCT 18 67	32.8S	112.6W	225	16 B	35.4S	109.7W	224	19 B	38.2S	106.2W	226	21 A	41.0S	102.0W	232	23 A
OCT 19 67	43.5S	96.9W	241	24 A	45.3S	91.0W	251	24 B	46.5S	84.6W	260	23 A	46.9S	78.5W	270	20 A
OCT 20 67	46.5S	73.2W	284	17 A	45.4S	69.2W	300	14 B	43.9S	66.1W	307	13 A	42.5S	63.4W	300	12 A
OCT 21 67	41.8S	60.7W	276	12 A	42.1S	57.3W	255	14 B	43.2S	53.4W	245	17 A	44.8S	49.0W	242	19 A
OCT 22 67	46.5S	44.3W	242	19 B	48.2S	39.4W	246	19 A	49.4S	34.2W	255	18 A	50.0S	28.7W	268	19 A
OCT 23 67	49.6S	22.9W	284	21 B	48.1S	16.6W	295	24 A	45.9S	10.3W	298	26 A	43.5S	4.2W	297	25 B
OCT 24 67	41.6S	1.5E	291	22 B	40.5S	6.4E	280	19 A	40.4S	11.0E	265	17 A	41.2S	15.4E	250	18 A
OCT 25 67	42.8S	20.0E	239	21 A	45.4S	25.2E	235	25 A	48.3S	31.4E	236	28 A	51.2S	38.7E	241	30 A
OCT 26 67	53.7S	47.7E	250	32 A	55.3S	58.4E	260	34 A	56.1S	70.3E	266	36 A	56.3S	83.0E	271	37 B
OCT 27 67	55.9S	95.8E	275	36 B	55.2S	108.0E	277	35 C	54.5S	119.5E	275	33 B	54.1S	129.8E	271	29 A
OCT 28 67	54.5S	138.7E	259	25 A	55.9S	146.0E	243	21 A	58.1S	152.0E	229	20 B	60.9S	157.1E	219	19 A
OCT 29 67	63.8S	161.9E	215	19 A	66.7S	166.6E	215	17 A	69.1S	171.7E	223	14 B	70.6S	177.2E	247	11 A
OCT 30 67	70.7S	176.4W	288	12 A	69.1S	169.1W	309	18 B	66.4S	161.4W	315	23 B	63.1S	153.9W	316	24 B
OCT 31 67	59.8S	147.2W	315	22 A	57.1S	141.8W	315	18 A	54.8S	137.8W	317	15 B	52.9S	135.0W	323	11 A
NOV 1 67	51.3S	133.3W	335	9 A	49.7S	132.6W	354	8 A	48.3S	132.8W	16	8 B	46.8S	133.8W	34	9 A
NOV 2 67	45.4S	135.6W	46	11 A	43.9S	137.9W	51	12 A	42.5S	140.3W	49	11 B	41.2S	142.0W	35	7 A
NOV 3 67	40.2S	142.2W	327	5 A	39.5S	140.5W	284	10 B	39.2S	137.4W	273	15 B	39.3S	133.2W	267	18 C
NOV 4 67	39.6S	128.7W	263	18 C	40.2S	124.2W	258	17 B	41.0S	120.1W	252	16 B	42.1S	116.3W	245	15 A
NOV 5 67	43.5S	112.9W	236	14 A	45.1S	110.1W	229	13 B	46.8S	107.2W	230	14 A	48.5S	103.9W	237	15 A
NOV 6 67	50.0S	99.6W	248	18 A	51.1S	94.1W	256	20 B	51.9S	87.7W	261	21 A	52.4S	81.1W	265	20 A
NOV 7 67	52.7S	74.9W	268	18 A	52.7S	69.7W	271	15 B	52.6S	65.2W	273	13 A	52.5S	61.0W	271	13 A
NOV 8 67	52.5S	56.9W	267	13 B	52.7S	52.5W	265	14 B	53.0S	48.1W	266	14 A	53.1S	43.7W	272	13 A
NOV 9 67	52.8S	39.8W	283	12 A	52.0S	36.2W	294	12 A	51.1S	32.8W	293	12 A	50.2S	29.1W	284	14 A
NOV 10 67	49.9S	24.6W	269	17 A	50.3S	18.9W	259	21 A	51.3S	12.3W	256	23 A	52.5S	4.9W	256	25 A
NOV 11 67	53.5S	3.2E	259	26 B	54.3S	11.7E	263	26 A	54.8S	20.3E	265	26 A	55.2S	28.8E	265	24 B
NOV 12 67	55.7S	36.8E	263	22 B	56.3S	44.1E	259	20 A	57.2S	50.8E	254	19 A	58.3S	57.0E	248	18 B
NOV 13 67	59.7S	62.9E	242	17 B	61.3S	68.7E	240	16 C	62.7S	74.4E	247	15 B	63.4S	80.2E	267	13 B

RELIABILITY INDEX,R. RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 98Q  
00 GMT

				MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R						
NOV 14 67	62.9S	85.9E	296	15 A	60.8S	91.7E	313	20 A	57.8S	97.3E	319	22 B	54.6S	102.4E	319	21 B
NOV 15 67	51.9S	106.5E	314	16 A	50.4S	109.6E	300	10 A	49.9S	112.1E	271	8 B	50.2S	114.9E	251	11 B
NOV 16 67	51.2S	118.5E	246	15 A	52.5S	123.4E	245	18 A	54.1S	128.6E	241	17 A	55.7S	132.9E	232	13 A
NOV 17 67	57.1S	135.1E	196	7 A	58.2S	134.3E	133	8 A	59.2S	131.3E	114	11 A	60.0S	127.4E	111	11 A
NOV 18 67	60.8S	123.8E	118	9 A	61.6S	121.4E	138	6 A	62.5S	120.4E	172	5 B	63.5S	120.8E	205	5 B
NOV 19 67	64.4S	122.4E	226	7 C	65.3S	125.2E	236	8 C	66.2S	128.6E	241	9 B	66.9S	132.3E	245	8 B
NOV 20 67	67.5S	135.8E	249	7 A	67.9S	138.7E	253	5 A	68.1S	140.9E	256	4 B	68.3S	142.8E	258	3 A
NOV 21 67	68.4S	144.3E	255	3 A	68.5S	145.7E	253	3 A	68.7S	147.0E	257	3 B	68.8S	148.5E	267	3 B
NOV 22 67	68.7S	150.4E	277	4 C	68.6S	152.8E	282	5 B	68.4S	155.6E	278	6 B	68.3S	158.7E	270	6 A
NOV 23 67	68.4S	162.1E	258	7 A	68.9S	165.8E	247	8 B	69.6S	169.9E	242	9 B	70.5S	174.9E	241	11 A
NOV 24 67	71.6S	179.1W	242	12 A	72.7S	171.8W	246	13 A	73.5S	163.6W	258	13 B	73.6S	154.9W	279	13 A
NOV 25 67	72.6S	146.2W	303	16 A	70.3S	137.9W	316	20 A	67.1S	130.2W	319	23 B	63.8S	123.2W	317	22 A
NOV 26 67	61.0S	117.1W	310	18 A	59.2S	111.9W	298	14 A	58.4S	107.6W	281	11 B	58.4S	103.8W	261	10 B
NOV 27 67	58.9S	100.5W	245	9 B	59.8S	97.3W	237	10 B	60.9S	94.1W	236	10 A	61.9S	90.5W	243	10 A
NOV 28 67	62.7S	86.3W	257	11 A	63.0S	81.1W	269	13 B	62.8S	74.8W	275	17 A	62.5S	67.0W	277	21 A
NOV 29 67	61.9S	57.5W	276	25 A	61.4S	46.4W	276	29 A	60.8S	34.6W	276	29 A	60.3S	23.5W	276	27 A
NOV 30 67	59.8S	14.2W	277	20 B	59.3S	7.9W	278	13 A	59.1S	3.9W	275	8 A	59.1S	1.4W	259	5 A
DEC 1 67	59.5S	.3E	231	5 A	60.4S	2.0E	221	7 A	61.5S	4.2E	224	9 A	62.7S	7.1E	234	10 B
DEC 2 67	63.7S	11.2E	249	12 B	64.3S	16.6E	262	13 A	64.4S	22.8E	271	14 A	64.2S	28.9E	280	14 A
DEC 3 67	63.5S	34.4E	291	12 A	62.6S	38.6E	303	10 A	61.4S	41.9E	308	10 A	60.3S	44.9E	304	9 A
DEC 4 67	59.4S	48.2E	291	10 A	58.9S	52.1E	279	11 A	58.7S	56.4E	275	12 A	58.5S	60.8E	277	12 B
DEC 5 67	58.1S	64.9E	285	11 A	57.4S	68.5E	295	10 A	56.4S	71.7E	302	10 B	55.4S	74.7E	304	10 B
DEC 6 67	54.2S	77.6E	302	11 A	53.2S	80.8E	298	11 A	52.1S	84.2E	297	12 A	51.0S	87.7E	297	13 B
DEC 7 67	49.8S	91.4E	299	14 B	48.4S	95.2E	298	15 C	47.1S	99.2E	292	16 B	46.1S	103.6E	283	17 B
DEC 8 67	45.8S	108.4E	270	18 A	46.1S	113.5E	260	19 A	47.0S	118.6E	254	18 A	48.0S	123.1E	250	15 A
DEC 9 67	48.8S	126.5E	249	9 A	49.3S	128.3E	249	5 A	49.6S	129.4E	240	4 A	50.2S	130.8E	235	8 A
DEC 10 67	51.5S	133.5E	234	15 A	53.6S	138.3E	234	21 A	56.1S	144.5E	236	23 B	58.4S	151.3E	241	21 A
DEC 11 67	59.8S	157.6E	257	15 A	59.8S	162.7E	284	12 A	58.8S	166.9E	302	12 B	57.5S	170.5E	305	11 A
DEC 12 67	56.5S	173.9E	291	10 A	56.1S	177.4E	272	10 A	56.2S	179.0W	266	10 B	56.3S	175.4W	273	10 A
DEC 13 67	55.9S	171.9W	292	11 A	54.7S	168.6W	308	12 A	53.1S	165.6W	314	13 B	51.5S	162.8W	313	11 A
DEC 14 67	50.2S	160.4W	304	9 A	49.6S	158.3W	282	7 A	49.6S	156.5W	263	6 B	49.8S	154.6W	258	7 A
DEC 15 67	50.0S	152.3W	265	8 A	50.0S	149.6W	273	10 A	49.8S	146.5W	278	11 B	49.5S	143.2W	280	12 B
DEC 16 67	49.1S	139.8W	281	12 C	48.7S	136.4W	281	11 B	48.3S	133.2W	280	11 B	47.9S	130.3W	279	10 A
DEC 17 67	47.7S	127.7W	277	8 A	47.5S	125.5W	274	7 B	47.5S	123.7W	269	6 B	47.6S	122.2W	263	5 B
DEC 18 67	47.7S	121.0W	256	4 A	48.0S	120.0W	248	4 B	48.3S	119.1W	239	3 B	48.6S	118.3W	230	3 C
DEC 19 67	49.0S	117.7W	220	3 C	49.4S	117.3W	211	3 C	49.9S	116.9W	203	3 D	50.4S	116.6W	195	3 D
DEC 20 67	50.9S	116.4W	190	3 D	51.4S	116.3W	185	3 D	51.9S	116.3W	182	3 C	52.4S	116.3W	179	3 C
DEC 21 67	52.9S	116.3W	178	2 C	53.4S	116.3W	177	2 B	53.8S	116.4W	177	2 B	54.1S	116.4W	177	2 A
DEC 22 67	54.5S	116.4W	177	1 A	54.7S	116.5W	174	1 B	54.9S	116.5W	157	1 B	55.0S	116.7W	122	1 C
DEC 23 67	55.1S	117.1W	94	1 C	55.0S	117.6W	81	2 C	54.9S	118.4W	76	3 B	54.8S	119.5W	73	4 B
DEC 24 67	54.5S	121.0W	72	5 A	54.2S	122.7W	69	6 A	53.7S	124.2W	57	4 B	53.3S	124.8W	359	2 B
DEC 25 67	52.8S	123.9W	295	6 A	52.3S	121.2W	284	11 B	51.7S	117.2W	282	14 B	51.1S	112.7W	283	14 A
DEC 26 67	50.5S	108.8W	288	12 A	49.8S	105.9W	295	9 A	49.1S	103.9W	300	6 B	48.6S	102.4W	293	5 C
DEC 27 67	48.4S	101.2W	271	5 C	48.6S	99.7W	249	6 B	49.2S	97.9W	238	8 B	50.1S	95.7W	233	10 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



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00 GMT					MPS R	06 GMT					MPS R	12 GMT					MPS R	18 GMT					MPS R
DEC 28 67	51.5S	93.1W	231	12	A	53.1S	89.9W	230	14	B	54.8S	86.2W	232	15	A	56.6S	81.8W	236	16	A			
DEC 29 67	58.2S	76.8W	242	17	A	59.6S	71.1W	248	17	A	60.6S	65.0W	255	16	A	61.2S	58.9W	262	15	A			
DEC 30 67	61.4S	53.0W	270	14	A	61.2S	47.6W	280	13	A	60.6S	42.4W	288	13	A	59.6S	37.3W	293	15	A			
DEC 31 67	58.4S	31.9W	295	17	A	56.9S	26.0W	294	19	A	55.5S	20.0W	292	19	A	54.4S	14.4W	287	17	A			
JAN 1 68	53.7S	9.5W	278	13	B	53.7S	6.0W	262	8	A	54.0S	4.2W	230	3	A	54.4S	4.5W	105	4	A			
JAN 2 68	54.4S	7.2W	82	12	B	53.7S	12.5W	76	20	A	52.6S	19.3W	74	23	A	51.4S	26.1W	73	21	A			
JAN 3 68	50.3S	31.5W	71	15	A	49.6S	34.5W	68	7	B	49.3S	35.4W	58	1	A	49.5S	35.0W	236	3	A			
JAN 4 68	50.1S	34.0W	222	5	B	51.0S	32.9W	212	6	A	52.1S	31.8W	214	7	A	53.2S	30.4W	223	7	A			
JAN 5 68	54.1S	28.5W	242	8	A	54.6S	25.9W	258	9	A	54.9S	22.6W	265	11	A	55.0S	18.4W	266	14	A			
JAN 6 68	55.3S	13.3W	264	17	B	55.7S	7.2W	262	19	A	56.3S	.3W	263	21	A	56.6S	7.1E	267	22	A			
JAN 7 68	56.6S	14.9E	273	22	B	56.1S	22.8E	280	23	A	55.1S	30.5E	285	23	A	53.9S	37.6E	289	21	A			
JAN 8 68	52.4S	43.7E	294	19	A	51.0S	48.7E	295	16	A	49.9S	52.9E	287	14	A	49.6S	56.7E	266	13	B			
JAN 9 68	50.4S	60.7E	241	16	A	52.5S	65.1E	229	20	A	55.1S	70.2E	230	21	A	57.4S	76.2E	243	20	B			
JAN 10 68	58.4S	83.0E	270	20	A	57.4S	90.7E	292	24	A	55.2S	99.1E	297	29	B	52.6S	107.8E	294	30	B			
JAN 11 68	50.7S	116.5E	283	29	A	50.2S	124.9E	269	27	A	50.7S	132.6E	260	24	B	51.7S	139.3E	256	20	A			
JAN 12 68	52.5S	144.8E	260	15	A	52.7S	148.9E	273	10	A	52.4S	151.7E	289	8	A	51.8S	153.6E	303	6	A			
JAN 13 68	51.1S	155.0E	305	5	A	50.7S	156.3E	296	4	A	50.4S	157.6E	284	5	A	50.2S	159.2E	275	6	A			
JAN 14 68	50.1S	161.3E	271	8	A	50.1S	164.2E	269	10	A	50.2S	167.6E	269	12	B	50.2S	171.4E	270	13	A			
JAN 15 68	50.2S	175.4E	271	13	A	50.1S	179.4E	270	13	A	50.3S	176.6W	263	13	B	50.9S	172.5W	250	14	A			
JAN 16 68	52.2S	168.5W	235	16	A	54.4S	164.5W	222	18	A	57.1S	160.6W	215	18	B	60.1S	156.9W	211	18	A			
JAN 17 68	62.8S	153.5W	210	15	A	65.1S	150.4W	212	12	A	66.9S	147.5W	216	10	B	68.1S	144.8W	225	7	A			
JAN 18 68	68.9S	142.0W	239	6	A	69.3S	139.1W	260	6	A	69.3S	135.7W	279	7	B	68.9S	131.6W	290	9	A			
JAN 19 68	68.1S	126.5W	295	12	A	67.0S	120.4W	296	15	A	65.8S	113.8W	294	15	B	64.8S	107.6W	289	13	A			
JAN 20 68	64.2S	102.7W	277	9	A	64.4S	99.6W	247	6	A	64.9S	97.8W	223	5	B	65.7S	96.2W	227	5	A			
JAN 21 68	66.2S	94.0W	255	6	A	66.2S	90.5W	273	9	B	66.1S	85.9W	276	10	A	65.9S	81.0W	271	11	A			
JAN 22 68	66.1S	76.1W	258	10	A	66.7S	71.7W	243	9	B	67.6S	67.7W	237	9	A	68.6S	63.7W	240	9	A			
JAN 23 68	69.3S	59.4W	254	9	B	69.5S	54.4W	270	9	A	69.3S	49.1W	282	10	A	68.7S	43.7W	291	11	A			
JAN 24 68	67.9S	38.4W	297	11	A	66.7S	33.5W	304	12	A	65.2S	28.7W	311	14	A	63.1S	23.7W	316	18	A			
JAN 25 68	60.2S	18.1W	318	23	B	56.5S	11.7W	317	28	A	52.5S	4.9W	312	29	A	49.0S	2.0E	305	28	A			
JAN 26 68	46.6S	8.4E	291	23	B	45.8S	14.1E	270	19	B	46.6S	19.0E	246	18	A	48.5S	23.2E	227	18	A			
JAN 27 68	51.4S	26.9E	213	20	B	54.8S	30.1E	207	21	A	58.5S	33.3E	206	21	A	61.9S	37.0E	210	19	B			
JAN 28 68	64.7S	41.4E	223	16	A	66.5S	47.0E	240	14	A	67.5S	53.4E	256	13	A	67.8S	59.8E	269	12	A			
JAN 29 68	67.7S	65.8E	278	11	B	67.2S	70.8E	288	10	C	66.5S	75.0E	298	9	C	65.6S	78.6E	308	9	C			
JAN 30 68	64.4S	81.8E	315	10	C	62.9S	84.8E	320	11	C	61.2S	87.6E	323	12	B	59.3S	90.5E	325	13	B			
JAN 31 68	57.0S	93.4E	326	15	A	54.6S	96.4E	325	16	A	52.2S	99.3E	323	15	A	50.2S	101.8E	320	12	B			
FEB 1 68	48.8S	103.8E	311	7	B	48.4S	104.9E	269	3	A	48.8S	105.7E	215	4	A	49.6S	106.5E	210	6	B			
FEB 2 68	50.7S	107.6E	222	8	B	51.8S	109.6E	235	10	C	52.9S	112.7E	244	13	B	53.9S	116.9E	249	16	B			
FEB 3 68	55.1S	122.6E	253	20	A	56.2S	129.7E	256	22	A	57.1S	137.5E	261	22	A	57.4S	145.1E	270	20	A			
FEB 4 68	57.0S	151.6E	287	16	A	55.6S	156.3E	310	15	A	53.5S	159.4E	328	14	B	51.0S	161.3E	339	14	A			
FEB 5 68	48.6S	162.6E	344	12	A	46.5S	163.4E	346	10	A	44.8S	164.0E	349	8	B	43.5S	164.3E	354	6	A			
FEB 6 68	42.4S	164.3E	4	5	A	41.6S	164.1E	12	3	A	41.1S	164.0E	3	2	B	40.7S	164.2E	311	2	A			
FEB 7 68	40.6S	164.9E	277	4	A	40.5S	166.2E	268	6	A	40.6S	167.8E	262	6	B	40.9S	169.2E	251	4	A			
FEB 8 68	41.2S	169.6E	164	2	A	41.9S	168.9E	114	5	A	41.9S	167.5E	107	6	B	42.3S	165.9E	105	5	A			
FEB 9 68	42.5S	164.9E	109	2	A	42.5S	164.8E	326	1	A	42.1S	164.8E	26	3	B	41.2S	163.6E	52	10	A			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

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00 GMT

				MPS R	06 GMT				MPS R	12 GMT				MPS R	18 GMT				MPS R	
FEB 10 68	39.6S	160.2E	62	22	A	37.2S	153.9E	65	33	A	34.2S	146.2E	64	36	B	31.0S	139.3E	58	31	A
FEB 11 68	27.9S	135.2E	31	17	A	25.3S	135.6E	314	17	A	23.2S	140.4E	287	34	B	21.5S	149.0E	278	50	B
FEB 12 68	20.4S	161.0E	274	65	C	19.8S	175.7E	271	76	C	19.7S	167.9W	270	82	B	20.0S	151.0W	268	82	B
FEB 13 68	20.7S	134.4W	267	77	A	21.7S	119.2W	265	70	A	23.0S	105.3W	263	64	B	24.5S	92.4W	262	59	B
FEB 14 68	26.3S	80.2W	260	56	C	28.2S	68.5W	259	54	C	30.3S	56.7W	258	54	C	32.6S	44.5W	258	56	B
FEB 15 68	34.9S	31.4W	258	59	A	37.2S	17.1W	259	62	A	39.6S	1.8W	259	63	B	41.9S	13.9E	259	62	B
FEB 16 68	44.1S	29.7E	259	59	C	46.3S	45.1E	258	54	C	48.3S	59.0E	258	45	C	50.0S	70.5E	257	34	B
FEB 17 68	51.3S	78.5E	254	20	A	52.2S	82.5E	241	8	A	52.8S	83.3E	161	3	A	53.4S	82.3E	124	5	B
FEB 18 68	54.0S	80.8E	138	6	A	54.9S	79.9E	158	5	A	55.7S	79.4E	153	4	A	56.1S	78.5E	91	3	B
FEB 19 68	55.6S	76.9E	51	8	A	54.1S	74.1E	44	14	A	52.1S	70.9E	43	14	A	50.2S	68.3E	40	10	B
FEB 20 68	49.3S	67.2E	1	2	A	49.7S	68.3E	233	8	A	51.1S	70.9E	230	13	B	52.8S	74.3E	229	14	B
FEB 21 68	54.4S	77.3E	229	10	A	55.3S	79.3E	235	5	A	55.6S	80.2E	276	1	A	55.3S	80.1E	29	3	B
FEB 22 68	54.7S	79.3E	41	5	A	53.8S	77.8E	48	7	A	53.0S	75.9E	56	8	A	52.2S	73.8E	67	7	B
FEB 23 68	51.9S	71.7E	86	7	A	52.1S	69.8E	112	6	A	52.7S	68.3E	140	5	A	53.7S	67.6E	171	6	B
FEB 24 68	54.8S	67.8E	201	7	A	56.0S	69.2E	220	8	A	57.2S	71.4E	230	9	A	58.3S	74.0E	235	9	B
FEB 25 68	59.2S	76.7E	240	8	A	59.8S	79.2E	247	7	A	60.2S	81.8E	256	7	A	60.5S	84.8E	264	8	B
FEB 26 68	60.6S	88.5E	269	11	A	60.6S	93.2E	272	13	A	60.4S	98.7E	274	15	B	60.2S	104.5E	277	15	B
FEB 27 68	59.8S	110.3E	280	15	A	59.2S	115.8E	283	14	A	58.6S	120.9E	284	14	A	58.0S	125.7E	283	13	B
FEB 28 68	57.5S	130.2E	279	12	A	57.3S	134.5E	273	12	A	57.3S	138.7E	265	12	A	57.6S	142.8E	256	12	A
FEB 29 68	58.4S	147.1E	247	13	A	59.5S	151.5E	241	13	A	60.8S	156.1E	242	13	B	61.9S	160.9E	248	13	A
MAR 1 68	62.5S	165.8E	262	12	A	62.5S	170.7E	279	12	A	61.9S	175.4E	292	12	B	60.8S	179.6E	301	12	A
MAR 2 68	59.6S	176.9W	310	10	A	58.3S	174.3W	318	9	A	57.1S	172.5W	327	8	B	55.9S	171.3W	334	6	A
MAR 3 68	54.8S	170.4W	337	5	A	53.9S	169.8W	339	5	A	53.2S	169.4W	342	4	B	52.5S	169.1W	348	3	A
MAR 4 68	51.9S	168.9W	356	3	A	51.4S	168.9W	6	3	A	50.9S	169.1W	17	3	B	50.4S	169.4W	29	3	A
MAR 5 68	50.0S	169.9W	40	3	A	49.6S	170.5W	48	3	A	49.2S	171.3W	56	3	B	48.8S	172.2W	62	4	A
MAR 6 68	48.5S	173.2W	68	4	A	48.3S	174.2W	74	4	A	48.1S	175.3W	77	4	B	47.9S	176.6W	79	5	A
MAR 7 68	47.7S	178.0W	79	5	A	47.5S	179.5W	80	6	A	47.4S	178.9E	80	6	B	47.2S	177.3E	80	6	A
MAR 8 68	47.0S	175.8E	81	5	A	46.8S	174.4E	82	5	A	46.7S	173.1E	82	5	B	46.6S	171.7E	82	5	A
MAR 9 68	46.4S	170.1E	82	6	A	46.2S	168.3E	81	7	A	46.0S	166.5E	80	7	B	45.8S	164.8E	78	6	A
MAR 10 68	45.6S	163.5E	72	4	A	45.3S	162.6E	63	2	A	45.2S	162.1E	62	2	B	45.1S	161.8E	85	1	A
MAR 11 68	45.1S	161.3E	109	2	A	45.4S	160.5E	118	3	A	45.7S	159.7E	128	3	B	46.1S	159.2E	154	2	A
MAR 12 68	46.5S	159.2E	224	2	A	46.8S	160.1E	253	5	A	47.1S	161.7E	256	7	B	47.4S	163.7E	253	8	A
MAR 13 68	48.0S	165.9E	245	9	A	48.9S	168.2E	237	9	A	49.9S	170.4E	232	9	B	51.1S	172.6E	228	9	A
MAR 14 68	52.3S	174.8E	227	9	A	53.5S	176.9E	229	8	A	54.5S	179.1E	236	8	B	55.2S	178.4W	248	9	A
MAR 15 68	55.7S	175.4W	260	10	A	55.9S	171.8W	271	11	A	55.7S	167.8W	278	12	B	55.2S	163.7W	285	12	A
MAR 16 68	54.5S	159.8W	292	12	A	53.5S	156.5W	299	11	A	52.5S	153.6W	301	10	B	51.6S	151.1W	299	9	A
MAR 17 68	50.9S	148.9W	289	7	A	50.7S	146.8W	274	6	A	50.7S	144.9W	260	6	B	51.1S	143.1W	248	6	A
MAR 18 68	51.6S	141.3W	240	6	A	52.3S	139.6W	235	7	A	53.1S	137.7W	233	8	B	54.1S	135.7W	231	9	A
MAR 19 68	55.2S	133.2W	231	10	A	56.5S	130.3W	233	11	A	57.8S	127.0W	236	12	B	59.0S	123.2W	242	12	A
MAR 20 68	59.9S	119.1W	251	12	A	60.4S	114.6W	261	12	B	60.6S	109.9W	269	12	B	60.5S	105.4W	276	11	A
MAR 21 68	60.1S	101.2W	283	10	A	59.6S	97.5W	288	10	B	59.0S	93.9W	287	10	A	58.5S	90.1W	282	11	A
MAR 22 68	58.1S	85.6W	275	14	A	58.0S	80.1W	270	16	B	58.1S	73.8W	267	18	A	58.3S	67.0W	266	19	A
MAR 23 68	58.6S	60.0W	266	19	A	58.8S	53.1W	267	18	B	59.0S	46.3W	267	18	A	59.2S	39.9W	266	17	A
MAR 24 68	59.5S	33.8W	265	15	A	59.7S	28.1W	265	14	A	60.0S	22.9W	265	13	A	60.1S	17.9W	268	12	A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

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00 GMT

				MPS R	06 GMT					MPS R	12 GMT					MPS R	18 GMT					MPS R
MAR 25 68	60.1S	13.3W	273	12 B	59.8S	8.8W	279	12 A	59.4S	4.4W	285	12 A	58.6S	.2E	290	14 A						
MAR 26 68	57.6S	5.1E	293	16 B	56.3S	10.5E	294	18 A	54.8S	16.3E	294	19 A	53.4S	22.0E	292	19 A						
MAR 27 68	52.2S	27.6E	288	18 B	51.3S	32.8E	281	17 A	50.9S	38.0E	269	17 A	51.4S	43.5E	255	19 A						
MAR 28 68	52.9S	49.8E	243	24 B	55.5S	57.1E	237	27 A	58.5S	65.3E	237	28 A	61.0S	74.2E	245	25 B						
MAR 29 68	62.3S	83.4E	265	22 A	61.8S	92.8E	287	24 A	59.9S	102.1E	296	27 A	57.4S	111.2E	298	28 B						
MAR 30 68	55.1S	119.8E	293	26 A	53.6S	127.7E	284	24 A	52.8S	134.8E	276	21 B	52.7S	141.1E	267	18 A						
MAR 31 68	53.1S	146.5E	259	15 A	53.9S	151.0E	247	13 A	55.2S	154.7E	232	13 B	57.0S	157.9E	217	14 B						
APR 1 68	59.6S	160.8E	206	17 A	62.9S	163.8E	202	20 A	66.5S	167.4E	205	20 B	70.0S	172.3E	212	19 B						
APR 2 68	72.7S	179.2E	227	17 A	74.3S	171.7W	248	15 B	75.1S	160.9W	262	15 B	75.2S	149.4W	270	15 A						
APR 3 68	75.1S	138.3W	272	14 A	75.1S	128.2W	272	13 B	75.0S	119.1W	272	12 B	74.9S	110.8W	274	11 C						
APR 4 68	74.7S	102.9W	277	10 B	74.3S	95.3W	282	11 B	73.8S	87.4W	286	12 A	73.0S	78.4W	288	15 A						
APR 5 68	71.9S	67.9W	289	20 A	70.5S	55.4W	289	24 B	68.9S	41.8W	288	26 A	67.4S	28.5W	286	26 A						
APR 6 68	66.2S	16.5W	283	23 B	65.4S	6.9W	279	18 B	65.1S	.5E	272	14 A	65.2S	6.1E	259	10 A						
APR 7 68	65.8S	10.2E	239	9 B	66.9S	13.3E	221	9 A	68.3S	16.1E	216	9 A	69.8S	19.4E	220	10 A						
APR 8 68	71.3S	23.9E	231	12 B	72.6S	30.3E	241	13 B	73.7S	38.0E	246	13 C	74.7S	46.3E	248	12 C						
APR 9 68	75.5S	54.4E	248	11 C	76.3S	61.9E	247	9 D	77.0S	68.7E	247	8 D	77.6S	75.3E	249	8 D						
APR 10 68	78.1S	81.8E	252	7 D	78.4S	88.6E	257	7 D	78.7S	95.6E	262	7 D	78.9S	102.8E	266	7 D						
APR 11 68	78.3S	110.0E	270	7 D	78.8S	117.2E	275	7 D	78.7S	124.3E	279	7 D	78.4S	131.3E	284	7 C						
APR 12 68	78.0S	138.2E	288	8 C	77.4S	144.9E	292	8 C	76.8S	151.7E	294	9 B	76.1S	158.7E	295	10 B						
APR 13 68	75.2S	166.1E	295	11 A	74.2S	174.2E	295	13 A	73.1S	177.5W	295	14 B	71.9S	169.0W	297	15 B						
APR 14 68	70.5S	160.7W	299	16 C	69.0S	152.9W	301	16 B	67.3S	145.8W	304	16 B	65.5S	139.6W	307	15 A						
APR 15 68	63.8S	134.5W	312	14 A	62.0S	130.6W	316	12 B	60.6S	127.5W	312	10 B	59.5S	124.6W	297	8 A						
APR 16 68	59.1S	121.5W	270	9 A	59.5S	117.7W	253	12 B	60.3S	113.1W	251	13 A	61.1S	107.8W	257	14 A						
APR 17 68	61.4S	101.8W	271	15 A	61.0S	95.4W	283	17 B	60.0S	88.6W	288	18 A	58.9S	81.9W	288	18 A						
APR 18 68	58.0S	75.7W	283	17 A	57.5S	70.0W	273	15 B	57.7S	64.6W	261	15 A	58.5S	58.9W	251	17 A						
APR 19 68	60.0S	52.2W	244	21 A	62.0S	44.4W	240	24 B	64.4S	35.4W	240	24 A	66.5S	25.6W	244	23 A						
APR 20 68	68.1S	15.3W	254	21 B	68.8S	4.7W	266	20 B	68.7S	5.7E	276	19 A	68.1S	15.7E	282	19 B						
APR 21 68	67.3S	24.8E	285	18 B	66.5S	32.9E	284	17 C	65.8S	40.7E	280	17 C	65.4S	49.0E	274	19 B						
APR 22 68	65.4S	58.6E	267	23 A	65.8S	70.1E	262	26 A	66.6S	82.8E	260	27 B	67.6S	95.7E	259	25 B						
APR 23 68	68.5S	107.8E	259	22 B	69.1S	118.4E	261	18 A	69.6S	127.4E	264	15 B	69.7S	134.8E	269	12 B						
APR 24 68	69.7S	140.8E	276	10 A	69.4S	145.6E	283	8 A	69.0S	149.6E	281	7 B	68.9S	153.5E	269	7 B						
APR 25 68	69.2S	157.9E	252	9 A	70.0S	163.2E	243	12 A	71.1S	169.6E	244	13 B	72.1S	177.1E	251	13 B						
APR 26 68	72.7S	174.4W	266	14 C	72.5S	164.8W	279	16 C	71.7S	154.7W	287	17 B	70.7S	144.6W	290	18 A						
APR 27 68	69.5S	135.0W	290	18 A	68.4S	126.3W	289	16 B	67.5S	118.4W	287	16 B	66.6S	110.8W	285	16 C						
APR 28 68	65.9S	103.3W	282	16 C	65.3S	95.5W	280	17 C	64.7S	87.5W	278	18 D	64.3S	79.3W	277	18 D						
APR 29 68	63.9S	71.2W	275	18 D	63.6S	63.2W	274	18 D	63.4S	55.2W	273	18 D	63.3S	47.2W	271	18 D						
APR 30 68	63.2S	39.3W	270	18 D	63.3S	31.3W	269	18 D	63.4S	23.3W	268	18 D	63.5S	15.3W	267	18 D						
MAY 1 68	63.7S	7.3W	266	18 D	64.0S	.6E	265	18 D	64.3S	8.6E	265	18 D	64.6S	16.6E	264	18 D						
MAY 2 68	65.0S	24.6E	263	17 D	65.5S	32.5E	262	17 D	65.9S	40.5E	262	17 D	66.4S	48.5E	261	17 D						
MAY 3 68	67.0S	56.5E	260	16 D	67.5S	64.4E	260	16 D	68.1S	72.4E	259	16 D	68.6S	80.4E	259	15 D						
MAY 4 68	69.2S	88.3E	258	15 D	69.8S	96.3E	258	14 D	70.4S	104.3E	257	14 D	71.0S	112.2E	257	14 D						
MAY 5 68	71.6S	120.2E	257	13 D	72.2S	128.2E	257	13 D	72.8S	136.1E	257	12 D	73.3S	144.1E	257	12 D						
MAY 6 68	73.8S	152.0E	257	12 D	74.4S	160.0E	257	11 D	74.8S	167.9E	257	11 D	75.3S	175.9E	258	11 D						
MAY 7 68	75.7S	176.2W	259	10 D	76.1S	168.2W	260	10 D	76.4S	160.3W	261	10 D	76.7S	152.3W	262	10 D						

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 98Q  
00 GMT

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
MAY 8 68	76.9S	144.4W	264	9 D	77.0S	136.4W	266	9 D	77.1S	128.5W	268	9 D	77.2S	120.5W	270	9 D
MAY 9 68	77.2S	112.6W	272	9 D	77.1S	104.7W	274	9 D	76.9S	96.8W	277	9 D	76.6S	88.9W	279	10 D
MAY 10 68	76.3S	80.9W	281	10 D	75.9S	72.9W	283	10 D	75.4S	64.9W	285	11 D	74.8S	57.0W	288	11 D
MAY 11 68	74.1S	49.1W	290	12 D	73.2S	41.4W	292	12 D	72.3S	33.7W	293	13 D	71.3S	25.9W	293	14 D
MAY 12 68	70.2S	17.8W	292	16 C	69.0S	9.3W	292	17 C	67.7S	.7W	293	18 C	66.2S	7.5E	297	19 C
MAY 13 68	64.4S	15.2E	303	19 B	62.2S	21.9E	306	19 A	60.1S	28.0E	304	19 A	58.3S	34.1E	296	18 B
MAY 14 68	57.1S	40.4E	282	19 B	56.8S	47.5E	268	21 A	57.2S	55.2E	261	22 A	58.1S	63.4E	256	23 B
MAY 15 68	59.3S	71.9E	255	24 B	60.4S	80.6E	256	23 A	61.3S	89.3E	259	21 B	62.0S	97.5E	264	19 B
MAY 16 68	62.1S	105.0E	272	17 C	61.7S	111.5E	283	15 C	60.9S	117.2E	291	14 B	59.8S	122.0E	297	13 B
MAY 17 68	58.6S	126.3E	300	12 A	57.4S	130.1E	300	12 A	56.4S	133.7E	298	11 B	55.4S	137.0E	295	11 B
MAY 18 68	54.6S	140.3E	289	11 A	54.1S	143.7E	282	10 A	53.8S	147.0E	274	10 B	53.9S	150.1E	261	9 A
MAY 19 68	54.4S	152.7E	241	8 A	55.3S	154.8E	224	8 A	56.6S	156.8E	220	9 B	58.0S	159.1E	226	10 A
MAY 20 68	59.2S	162.2E	239	11 A	60.2S	166.5E	251	13 A	60.8S	171.9E	260	15 B	61.2S	178.3E	266	17 B
MAY 21 68	61.3S	174.6W	271	18 C	61.1S	167.0W	274	20 C	60.7S	158.9W	277	21 C	60.1S	150.6W	280	22 D
MAY 22 68	59.3S	142.4W	282	22 D	58.4S	134.3W	284	22 D	57.3S	126.7W	286	21 C	56.1S	119.9W	289	19 C
MAY 23 68	54.9S	114.1W	294	17 C	53.5S	109.6W	301	14 B	52.1S	106.4W	309	11 B	50.8S	104.2W	321	9 A
MAY 24 68	49.5S	102.9W	336	7 A	48.4S	102.3W	344	5 B	47.6S	101.8W	322	4 A	47.1S	100.6W	279	7 A
MAY 25 68	47.2S	97.8W	261	13 A	47.9S	93.1W	255	20 B	49.1S	86.8W	253	24 A	50.7S	79.7W	250	25 A
MAY 26 68	52.3S	72.4W	248	24 A	54.0S	65.7W	247	22 B	55.6S	59.2W	248	20 A	56.9S	52.9W	253	19 A
MAY 27 68	57.7S	46.4W	261	18 B	58.0S	39.7W	269	19 B	57.9S	32.7W	274	19 A	57.5S	25.7W	276	20 A
MAY 28 68	57.1S	18.7W	276	19 B	56.8S	11.9W	274	19 B	56.6S	5.2W	272	19 A	56.6S	1.7E	269	20 B
MAY 29 68	56.7S	8.8E	267	21 B	57.0S	16.3E	265	22 C	57.4S	24.2E	264	22 C	57.9S	32.1E	263	22 C
MAY 30 68	58.5S	40.1E	263	22 C	59.0S	48.0E	264	21 C	59.3S	55.6E	266	20 C	59.5S	62.8E	269	18 B
MAY 31 68	59.4S	69.3E	274	16 A	59.1S	75.3E	279	15 A	58.5S	80.8E	283	15 A	57.8S	86.3E	283	16 B
JUN 1 68	57.2S	92.1E	281	17 B	56.6S	98.5E	278	19 A	56.1S	105.4E	276	21 A	55.7S	112.8E	274	22 B
JUN 2 68	55.5S	120.5E	273	23 C	55.3S	128.3E	272	23 C	55.1S	135.9E	273	22 B	54.8S	143.0E	275	20 B
JUN 3 68	54.4S	149.2E	279	17 A	53.8S	154.2E	285	14 A	53.1S	158.2E	285	12 B	52.7S	161.6E	277	10 A
JUN 4 68	52.7S	164.7E	260	10 A	53.4S	167.7E	243	10 A	54.5S	170.7E	235	11 B	55.7S	173.8E	233	11 A
JUN 5 68	57.0S	176.9E	237	10 A	57.9S	179.9W	244	10 A	58.7S	176.5W	252	11 B	59.2S	172.4W	258	12 A
JUN 6 68	59.6S	167.4W	262	14 A	60.0S	161.4W	265	17 A	60.2S	154.6W	266	18 B	60.5S	147.4W	267	18 C
JUN 7 68	60.6S	140.2W	268	18 C	60.7S	133.3W	269	17 C	60.7S	126.5W	270	17 D	60.7S	119.9W	271	17 D
JUN 8 68	60.7S	113.3W	272	17 D	60.5S	106.7W	272	17 D	60.4S	99.9W	273	17 D	60.2S	93.1W	274	17 D
JUN 9 68	59.9S	86.3W	275	18 D	59.6S	79.5W	275	18 D	59.3S	72.8W	276	18 D	58.9S	66.1W	276	18 D
JUN 10 68	58.5S	59.3W	277	18 D	58.1S	52.6W	277	19 D	57.6S	45.8W	278	19 D	57.1S	39.1W	278	19 D
JUN 11 68	56.6S	32.3W	278	19 D	56.1S	25.5W	278	20 D	55.5S	18.8W	279	20 D	54.9S	12.0W	279	20 D
JUN 12 68	54.3S	5.3W	279	21 D	53.7S	1.5E	279	21 D	53.1S	8.3E	279	21 D	52.4S	15.0E	279	21 D
JUN 13 68	51.8S	21.8E	279	22 D	51.1S	28.6E	279	22 D	50.4S	35.3E	279	22 D	49.8S	42.1E	279	23 D
JUN 14 68	49.1S	48.8E	279	23 D	48.4S	55.6E	278	23 D	47.8S	62.4E	278	24 D	47.1S	69.1E	278	24 D
JUN 15 68	46.4S	75.9E	278	24 D	45.8S	82.7E	278	25 D	45.2S	89.5E	277	25 D	44.5S	96.2E	277	25 D
JUN 16 68	43.9S	103.0E	277	25 D	43.4S	109.8E	277	26 D	42.8S	116.5E	276	26 D	42.2S	123.3E	276	26 D
JUN 17 68	41.7S	130.1E	276	26 D	41.2S	136.8E	275	26 D	40.8S	143.6E	275	26 D	40.3S	150.4E	275	27 D
JUN 18 68	39.9S	157.2E	274	27 D	39.6S	163.9E	274	27 D	39.2S	170.7E	273	27 D	39.0S	177.5E	273	27 D
JUN 19 68	38.7S	175.8W	272	27 D	38.5S	169.0W	272	27 D	38.3S	162.2W	271	27 D	38.2S	155.4W	271	27 D
JUN 20 68	38.2S	148.7W	270	27 D	38.2S	141.9W	270	27 D	38.2S	135.1W	269	27 D	38.3S	128.3W	269	27 D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 98Q

	00 GMT				06 GMT				12 GMT				18 GMT			
				MPS R				MPS R				MPS R				MPS R
JUN 21 68	38.5S	121.6W	268	27 D	38.7S	114.8W	267	27 D	39.0S	108.0W	267	27 D	39.3S	101.3W	266	27 D
JUN 22 68	39.7S	94.5W	265	27 D	40.2S	87.7W	264	27 D	40.7S	81.0W	264	27 D	41.3S	74.2W	263	26 D
JUN 23 68	42.0S	67.4W	262	26 D	42.8S	60.6W	261	26 D	43.7S	53.8W	260	26 D	44.6S	47.0W	259	25 D
JUN 24 68	45.6S	40.3W	258	25 D	46.7S	33.6W	256	24 C	47.9S	27.0W	255	24 C	49.1S	20.2W	253	24 C
JUN 25 68	50.6S	13.4W	251	24 B	52.1S	6.4W	250	24 B	53.7S	.6E	249	23 A	55.3S	7.5E	248	22 A
JUN 26 68	56.8S	14.2E	248	20 B	58.2S	20.5E	249	18 A	59.3S	26.5E	250	16 A	60.3S	32.2E	251	15 B
JUN 27 68	61.2S	37.6E	253	14 B	61.9S	42.7E	254	13 C	62.6S	47.7E	255	12 C	63.2S	52.6E	255	12 C
JUN 28 68	63.8S	57.6E	254	12 D	64.4S	62.7E	253	12 D	65.1S	67.9E	253	12 D	65.8S	73.1E	252	12 D
JUN 29 68	66.5S	78.4E	253	11 D	67.1S	83.5E	253	11 D	67.7S	88.7E	253	10 D	68.3S	93.8E	253	10 D
JUN 30 68	68.9S	98.9E	253	10 D	69.4S	104.1E	253	10 D	70.0S	109.2E	253	10 D	70.5S	114.4E	253	9 D
JUL 1 68	71.0S	119.5E	253	9 D	71.5S	124.7E	253	9 D	72.0S	129.8E	253	9 D	72.5S	135.0E	253	8 D
JUL 2 68	73.0S	140.1E	253	8 D	73.4S	145.3E	253	8 D	73.9S	150.4E	253	8 D	74.3S	155.6E	253	7 D
JUL 3 68	74.7S	160.7E	253	7 D	75.1S	165.9E	253	7 D	75.5S	171.0E	253	7 D	75.9S	176.1E	253	7 D
JUL 4 68	76.3S	178.7W	253	7 D	76.6S	173.6W	254	6 D	77.0S	168.4W	254	6 D	77.3S	163.3W	254	6 D
JUL 5 68	77.6S	158.1W	254	6 D	77.9S	153.0W	254	6 D	78.2S	147.9W	254	6 D	78.5S	142.7W	255	5 D
JUL 6 68	78.8S	137.6W	255	5 D	79.1S	132.4W	255	5 D	79.3S	127.3W	255	5 D	79.6S	122.1W	256	5 D
JUL 7 68	79.8S	117.0W	256	5 D	80.0S	111.9W	256	5 D	80.2S	106.7W	257	5 D	80.5S	101.6W	257	5 D
JUL 8 68	80.6S	96.4W	257	4 D	80.8S	91.3W	258	4 D	81.0S	86.2W	258	4 D	81.2S	81.0W	259	4 D
JUL 9 68	81.3S	75.9W	259	4 D	81.5S	70.8W	260	4 D	81.6S	65.6W	260	4 D	81.7S	60.5W	261	4 D
JUL 10 68	81.8S	55.3W	261	4 D	82.0S	50.2W	262	4 D	82.1S	45.1W	262	4 D	82.2S	39.9W	263	4 D
JUL 11 68	82.2S	34.8W	263	4 D	82.3S	29.7W	264	4 D	82.4S	24.5W	265	4 D	82.4S	19.4W	265	3 D
JUL 12 68	82.5S	14.2W	266	3 D	82.5S	9.1W	267	3 D	82.6S	4.0W	267	3 D	82.6S	1.2E	268	3 D
JUL 13 68	82.6S	6.3E	269	3 D	82.6S	11.4E	269	3 D	82.6S	16.6E	270	3 D	82.6S	21.7E	270	3 D
JUL 14 68	82.6S	26.8E	271	3 D	82.6S	32.0E	272	3 D	82.6S	37.1E	272	3 D	82.6S	42.2E	273	3 D
JUL 15 68	82.5S	47.4E	273	3 D	82.5S	52.5E	274	3 D	82.4S	57.6E	274	3 D	82.4S	62.8E	275	4 D
JUL 16 68	82.3S	67.9E	275	4 D	82.3S	73.0E	276	4 D	82.2S	78.2E	276	4 D	82.1S	83.3E	276	4 D
JUL 17 68	82.0S	88.4E	277	4 D	81.9S	93.6E	277	4 D	81.8S	98.7E	277	4 D	81.7S	103.9E	278	4 D
JUL 18 68	81.6S	109.0E	278	4 D	81.5S	114.1E	278	4 D	81.4S	119.3E	279	4 D	81.3S	124.4E	279	4 D
JUL 19 68	81.2S	129.5E	279	4 D	81.1S	134.7E	279	4 D	80.9S	139.8E	279	4 D	80.8S	144.9E	279	4 D
JUL 20 68	80.6S	150.1E	280	4 D	80.5S	155.2E	280	4 D	80.4S	160.3E	280	4 D	80.2S	165.5E	280	5 D
JUL 21 68	80.1S	170.6E	280	5 D	79.9S	175.7E	280	5 D	79.7S	179.1W	280	5 D	79.6S	174.0W	280	5 D
JUL 22 68	79.4S	168.9W	280	5 D	79.2S	163.7W	280	5 D	79.1S	158.6W	280	5 D	78.9S	153.5W	280	5 D
JUL 23 68	78.7S	148.3W	280	5 D	78.5S	143.2W	280	5 D	78.4S	138.1W	280	5 D	78.2S	132.9W	280	5 D
JUL 24 68	78.0S	127.8W	280	6 D	77.8S	122.7W	280	6 D	77.6S	117.5W	280	6 D	77.4S	112.4W	280	6 D
JUL 25 68	77.2S	107.3W	280	6 D	77.0S	102.1W	280	6 D	76.9S	97.0W	279	6 D	76.7S	91.9W	279	6 D
JUL 26 68	76.5S	86.7W	279	6 D	76.3S	81.6W	279	6 D	76.1S	76.4W	279	6 D	75.9S	71.3W	279	7 D
JUL 27 68	75.7S	66.2W	279	7 D	75.5S	61.0W	279	7 D	75.3S	55.9W	279	7 D	75.1S	50.8W	279	7 D
JUL 28 68	74.9S	45.6W	278	7 D	74.7S	40.5W	278	7 D	74.5S	35.3W	278	7 D	74.3S	30.2W	278	7 D
JUL 29 68	74.1S	25.1W	278	7 D	73.9S	19.9W	278	7 D	73.7S	14.8W	278	7 D	73.5S	9.7W	278	8 D
JUL 30 68	73.3S	4.5W	277	8 D	73.1S	.6E	277	8 D	72.9S	5.8E	277	8 D	72.7S	10.9E	277	8 D
JUL 31 68	72.5S	16.0E	277	8 D	72.4S	21.2E	277	8 D	72.2S	26.3E	277	8 D	72.0S	31.5E	277	8 D
AUG 1 68	71.8S	36.6E	276	8 D	71.6S	41.7E	276	8 D	71.5S	46.9E	276	8 D	71.3S	52.0E	276	9 D
AUG 2 68	71.1S	57.2E	276	9 D	70.9S	62.3E	276	9 D	70.8S	67.5E	276	9 D	70.6S	72.6E	275	9 D
AUG 3 68	70.5S	77.7E	275	9 D	70.3S	82.9E	275	9 D	70.1S	88.0E	275	9 D	70.0S	93.2E	275	9 D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 98Q  
00 GMT

		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
AUG 4 68	69.8S 98.3E	275	9 D	69.7S 103.5E	275	9 D	69.6S 108.6E	274	9 D	69.4S 113.8E	274	9 D	69.4S 113.8E	274	9 D
AUG 5 68	69.3S 118.9E	274	9 D	69.2S 124.0E	274	9 D	69.1S 129.2E	274	9 D	68.9S 134.3E	274	10 D	68.9S 134.3E	274	10 D
AUG 6 68	68.8S 139.5E	273	10 D	68.7S 144.7E	273	10 D	68.6S 149.8E	273	10 D	68.5S 155.0E	273	10 C	68.5S 155.0E	273	10 C
AUG 7 68	68.4S 160.1E	273	10 C	68.3S 165.2E	272	10 C	68.3S 170.2E	272	10 B	68.2S 175.4E	272	10 B	68.2S 175.4E	272	10 B
AUG 8 68	68.1S 179.3W	273	10 A	68.0S 173.8W	273	11 A	67.9S 168.2W	273	11 B	67.8S 162.3W	273	12 C	67.8S 162.3W	273	12 C
AUG 9 68	67.7S 156.3W	273	12 C	67.5S 150.1W	273	12 C	67.4S 143.8W	273	13 C	67.2S 137.4W	273	13 D	67.2S 137.4W	273	13 D
AUG 10 68	67.1S 130.9W	273	13 D	66.9S 124.3W	274	13 C	66.8S 117.6W	274	14 C	66.6S 110.8W	274	14 C	66.6S 110.8W	274	14 C
AUG 11 68	66.4S 104.1W	274	14 B	66.3S 97.3W	274	14 B	66.1S 90.4W	274	14 A	65.9S 83.6W	274	14 A	65.9S 83.6W	274	14 A
AUG 12 68	65.7S 76.8W	274	14 B	65.6S 70.0W	274	15 C	65.4S 63.1W	274	15 C	65.2S 56.3W	274	15 C	65.2S 56.3W	274	15 C
AUG 13 68	65.0S 49.5W	274	15 D	64.8S 42.7W	274	15 D	64.7S 35.9W	274	15 D	64.5S 29.1W	274	15 D	64.5S 29.1W	274	15 D
AUG 14 68	64.3S 22.3W	274	15 D	64.1S 15.5W	273	15 D	63.9S 8.7W	273	15 D	63.7S 1.9W	273	15 D	63.7S 1.9W	273	15 D
AUG 15 68	63.6S 4.9E	273	16 D	63.4S 11.7E	273	16 D	63.2S 18.5E	273	16 D	63.0S 25.2E	273	16 D	63.0S 25.2E	273	16 D
AUG 16 68	62.8S 32.0E	273	16 D	62.7S 38.8E	273	16 D	62.5S 45.5E	273	16 D	62.3S 52.3E	273	16 D	62.3S 52.3E	273	16 D
AUG 17 68	62.1S 59.1E	273	16 D	62.0S 65.8E	273	16 D	61.8S 72.6E	273	16 D	61.6S 79.3E	273	17 D	61.6S 79.3E	273	17 D
AUG 18 68	61.4S 86.0E	273	17 D	61.3S 92.8E	273	17 D	61.1S 99.5E	273	17 D	60.9S 106.2E	273	17 D	60.9S 106.2E	273	17 D
AUG 19 68	60.8S 113.0E	273	17 D	60.6S 119.7E	273	17 D	60.4S 126.4E	273	17 D	60.3S 133.1E	273	17 D	60.3S 133.1E	273	17 D
AUG 20 68	60.1S 139.8E	273	17 D	60.0S 146.5E	273	17 D	59.8S 153.2E	273	17 D	59.6S 159.9E	273	17 D	59.6S 159.9E	273	17 D
AUG 21 68	59.5S 166.6E	273	17 D	59.3S 173.3E	272	18 D	59.2S 179.9E	272	18 D	59.1S 173.4W	272	18 D	59.1S 173.4W	272	18 D
AUG 22 68	58.9S 166.7W	272	18 D	58.8S 160.1W	272	18 D	58.6S 153.4W	272	18 D	58.5S 146.8W	272	18 D	58.5S 146.8W	272	18 D
AUG 23 68	58.4S 140.1W	272	18 D	58.3S 133.5W	272	18 D	58.1S 126.9W	272	18 D	58.0S 120.3W	272	18 D	58.0S 120.3W	272	18 D
AUG 24 68	57.9S 113.6W	272	18 D	57.8S 107.0W	272	18 D	57.7S 100.4W	272	18 D	57.6S 93.8W	272	18 D	57.6S 93.8W	272	18 D
AUG 25 68	57.5S 87.2W	272	18 D	57.4S 80.6W	272	18 D	57.3S 74.1W	271	18 D	57.2S 67.5W	271	18 D	57.2S 67.5W	271	18 D
AUG 26 68	57.1S 60.9W	271	18 D	57.0S 54.4W	271	18 D	56.9S 47.8W	271	18 D	56.9S 41.3W	271	18 D	56.9S 41.3W	271	18 D
AUG 27 68	56.8S 34.7W	271	18 D	56.7S 28.2W	271	18 D	56.7S 21.7W	271	18 D	56.6S 15.1W	271	18 D	56.6S 15.1W	271	18 D
AUG 28 68	56.6S 8.6W	271	18 D	56.5S 2.1W	271	18 D	56.5S 4.4E	271	18 D	56.4S 10.9E	271	18 D	56.4S 10.9E	271	18 D
AUG 29 68	56.4S 17.3E	270	18 D	56.4S 23.8E	270	18 D	56.4S 30.3E	270	18 D	56.3S 36.7E	270	18 D	56.3S 36.7E	270	18 D
AUG 30 68	56.3S 43.2E	270	18 D	56.3S 49.6E	270	18 D	56.3S 56.1E	270	18 D	56.3S 62.5E	270	18 D	56.3S 62.5E	270	18 D
AUG 31 68	56.3S 68.9E	270	18 D	56.4S 75.3E	270	18 D	56.4S 81.7E	270	18 D	56.4S 88.1E	269	18 D	56.4S 88.1E	269	18 D
SEP 1 68	56.5S 94.5E	269	18 D	56.5S 100.9E	269	18 D	56.5S 107.3E	269	18 D	56.6S 113.6E	269	18 D	56.6S 113.6E	269	18 D
SEP 2 68	56.7S 120.0E	269	18 D	56.7S 126.3E	269	18 D	56.8S 132.7E	269	18 D	56.9S 139.0E	269	18 D	56.9S 139.0E	269	18 D
SEP 3 68	57.0S 145.3E	268	18 D	57.1S 151.6E	268	18 D	57.2S 157.9E	268	18 D	57.3S 164.2E	268	17 D	57.3S 164.2E	268	17 D
SEP 4 68	57.4S 170.5E	268	17 D	57.5S 176.8E	268	17 D	57.7S 177.0W	268	17 D	57.8S 170.7W	268	17 D	57.8S 170.7W	268	17 D
SEP 5 68	57.9S 164.5W	267	17 D	58.1S 158.2W	267	17 D	58.3S 152.0W	267	17 D	58.4S 145.8W	267	17 D	58.4S 145.8W	267	17 D
SEP 6 68	58.6S 139.6W	267	17 D	58.8S 133.4W	267	17 D	59.0S 127.2W	266	16 D	59.2S 121.0W	266	16 D	59.2S 121.0W	266	16 D
SEP 7 68	59.4S 114.8W	266	16 D	59.6S 108.7W	266	16 D	59.9S 102.5W	266	16 D	60.1S 96.4W	266	16 D	60.1S 96.4W	266	16 D
SEP 8 68	60.3S 90.3W	265	16 D	60.6S 84.2W	265	15 D	60.8S 78.0W	265	15 D	61.1S 72.0W	265	15 D	61.1S 72.0W	265	15 D
SEP 9 68	61.4S 65.9W	264	15 D	61.7S 59.8W	264	15 D	62.0S 53.7W	264	15 D	62.3S 47.7W	264	15 D	62.3S 47.7W	264	15 D
SEP 10 68	62.6S 41.6W	263	14 D	62.9S 35.6W	263	14 D	63.3S 29.6W	263	14 D	63.6S 23.6W	263	14 D	63.6S 23.6W	263	14 D
SEP 11 68	64.0S 17.6W	262	14 D	64.3S 11.6W	262	13 D	64.7S 5.6W	262	13 D	65.1S .4E	261	13 D	65.1S .4E	261	13 D
SEP 12 68	65.5S 6.3E	261	13 D	65.9S 12.2E	260	13 D	66.3S 18.2E	260	12 D	66.7S 24.1E	260	12 D	66.7S 24.1E	260	12 D
SEP 13 68	67.2S 30.0E	259	12 D	67.6S 35.9E	259	12 D	68.1S 41.8E	258	12 D	68.5S 47.6E	258	11 D	68.5S 47.6E	258	11 D
SEP 14 68	69.0S 53.5E	257	11 D	69.5S 59.4E	256	11 D	70.0S 65.2E	256	11 D	70.5S 71.0E	255	10 C	70.5S 71.0E	255	10 C
SEP 15 68	71.1S 76.8E	254	10 C	71.6S 82.6E	254	10 C	72.1S 88.4E	253	10 C	72.7S 94.2E	252	9 C	72.7S 94.2E	252	9 C
SEP 16 68	73.3S 100.0E	251	9 C	73.8S 105.9E	250	9 C	74.4S 111.8E	250	9 D	75.0S 117.9E	249	9 C	75.0S 117.9E	249	9 C

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 98Q

	00 GMT				06 GMT				12 GMT				18 GMT			
				MPS R				MPS R				MPS R				MPS R
SEP 17 68	75.7S	124.2E	248	9 C	76.3S	130.7E	248	9 C	76.9S	137.4E	247	9 B	77.6S	144.5E	246	9 B
SEP 18 68	78.3S	151.8E	245	9 A	79.0S	159.5E	246	9 A	79.6S	167.8E	252	9 B	80.0S	177.1E	262	9 B
SEP 19 68	80.0S	172.3W	275	10 A	79.6S	160.2W	284	12 B	78.9S	146.8W	289	15 B	77.8S	132.2W	290	17 C
SEP 20 68	76.6S	116.7W	290	20 C	75.2S	100.4W	288	23 C	73.8S	83.6W	286	25 C	72.4S	66.6W	284	27 C
SEP 21 68	71.3S	49.6W	281	28 B	70.4S	33.0W	277	29 A	69.9S	16.6W	274	29 A	69.6S	.4W	271	29 A
SEP 22 68	69.6S	15.6E	268	29 B	69.9S	31.6E	266	28 A	70.4S	47.6E	263	28 A	71.1S	63.7E	261	27 B
SEP 23 68	72.0S	80.0E	260	27 B	72.9S	96.5E	258	26 C	74.1S	113.2E	255	24 B	75.4S	129.7E	250	23 B
SEP 24 68	77.0S	145.9E	244	21 A	78.9S	161.7E	237	18 A	80.8S	177.0E	233	15 B	82.4S	168.2W	234	12 A
SEP 25 68	83.5S	153.9W	247	9 A	83.7S	140.1W	274	8 B	83.3S	126.6W	297	9 B	82.2S	113.3W	307	12 C
SEP 26 68	80.6S	100.1W	311	15 C	78.6S	86.9W	308	17 C	76.6S	73.1W	300	19 C	75.0S	58.4W	288	22 C
SEP 27 68	74.2S	42.1W	274	24 B	74.3S	24.0W	265	26 A	74.8S	5.1W	266	26 A	74.7S	13.5E	278	25 A
SEP 28 68	73.2S	30.5E	299	27 B	69.7S	45.4E	310	33 A	65.5S	59.1E	306	36 A	62.0S	73.3E	290	39 B
SEP 29 68	60.7S	89.6E	268	45 A	62.7S	109.0E	250	51 A	67.2S	129.8E	237	49 B	72.6S	149.7E	225	40 A
SEP 30 68	77.7S	166.3E	214	28 A	81.4S	177.8E	205	17 A	83.7S	174.7W	200	10 B	85.1S	169.9W	198	6 A
OCT 1 68	86.0S	166.2W	201	4 A	86.6S	162.4W	204	3 B	87.0S	158.3W	209	2 B	87.4S	153.9W	214	2 C
OCT 2 68	87.6S	149.3W	218	2 C	87.9S	144.6W	221	1 C	88.0S	139.7W	227	1 D	88.2S	134.8W	237	1 D
OCT 3 68	88.2S	129.6W	253	1 D	88.3S	124.4W	272	1 D	88.2S	119.1W	288	1 D	88.2S	113.6W	298	1 D
OCT 4 68	88.1S	108.1W	304	1 D	87.9S	102.5W	308	1 D	87.7S	96.9W	309	1 D	87.5S	91.2W	310	2 D
OCT 5 68	87.3S	85.6W	310	2 D	87.1S	79.9W	310	2 D	86.9S	74.2W	309	2 D	86.6S	68.6W	307	2 D
OCT 6 68	86.4S	63.0W	306	2 D	86.1S	57.5W	304	2 D	85.9S	52.0W	302	2 D	85.6S	46.6W	299	2 C
OCT 7 68	85.4S	41.3W	297	2 C	85.2S	36.2W	294	2 C	85.0S	31.1W	291	2 C	84.9S	26.2W	289	2 C
OCT 8 68	84.7S	21.4W	286	2 C	84.6S	16.7W	283	2 C	84.5S	12.1W	281	2 D	84.4S	7.5W	279	2 D
OCT 9 68	84.4S	2.9W	278	2 D	84.3S	1.7E	277	2 D	84.3S	6.3E	277	2 D	84.2S	10.9E	277	2 D
OCT 10 68	84.1S	15.7E	277	3 D	84.1S	20.6E	278	3 D	84.0S	25.6E	279	3 D	83.9S	30.7E	280	3 D
OCT 11 68	83.8S	36.1E	281	3 D	83.7S	41.7E	282	3 D	83.5S	47.4E	283	4 D	83.4S	53.5E	285	4 D
OCT 12 68	83.2S	59.9E	286	4 D	82.9S	66.6E	287	5 D	82.7S	73.6E	287	5 D	82.4S	81.0E	288	5 C
OCT 13 68	82.0S	88.7E	288	6 C	81.6S	96.8E	288	7 C	81.2S	105.3E	289	7 B	80.7S	114.4E	290	8 B
OCT 14 68	80.1S	124.1E	290	9 A	79.5S	134.4E	289	10 A	78.9S	144.7E	286	10 B	78.4S	154.3E	279	9 A
OCT 15 68	78.3S	162.5E	266	8 A	78.7S	168.9E	246	6 A	79.3S	174.5E	233	7 B	80.2S	179.4W	230	8 A
OCT 16 68	81.2S	171.6W	234	9 A	82.2S	161.2W	240	9 A	83.0S	148.8W	248	9 B	83.4S	135.6W	262	8 A
OCT 17 68	83.4S	122.4W	284	8 A	82.7S	110.1W	301	9 B	81.6S	98.6W	305	10 B	80.5S	87.3W	300	11 C
OCT 18 68	79.6S	75.8W	289	12 B	79.0S	63.9W	278	12 B	78.8S	51.4W	273	13 A	78.7S	38.8W	271	13 A
OCT 19 68	78.6S	26.1W	274	13 B	78.4S	13.6W	279	13 A	77.9S	1.5W	283	13 A	77.2S	9.8E	288	13 A
OCT 20 68	76.4S	20.0E	293	13 B	75.4S	28.9E	296	12 A	74.4S	36.6E	293	11 A	73.8S	43.5E	284	10 A
OCT 21 68	73.6S	49.7E	265	9 B	74.1S	55.6E	245	9 C	75.0S	61.3E	232	10 B	76.2S	67.0E	227	10 B
OCT 22 68	77.5S	72.8E	227	9 A	78.6S	78.9E	230	8 A	79.6S	85.4E	234	8 A	80.4S	92.3E	239	7 B
OCT 23 68	81.0S	99.6E	246	7 B	81.4S	107.3E	253	6 C	81.7S	115.4E	260	6 C	81.9S	123.8E	267	6 C
OCT 24 68	81.9S	132.6E	272	6 D	81.8S	141.6E	277	7 D	81.5S	150.9E	281	7 D	81.2S	160.4E	284	8 D
OCT 25 68	80.8S	170.2E	286	8 D	80.3S	179.9W	287	9 D	79.8S	169.9W	288	10 D	79.2S	159.7W	288	10 D
OCT 26 68	78.6S	149.4W	288	11 D	77.9S	139.1W	287	12 C	77.2S	128.7W	287	12 C	76.5S	118.3W	286	13 C
OCT 27 68	75.9S	107.9W	285	14 B	75.2S	97.5W	284	14 B	74.5S	87.2W	283	14 A	73.9S	77.0W	282	15 B
OCT 28 68	73.4S	67.0W	280	15 B	72.9S	57.0W	279	15 A	72.5S	47.3W	277	15 A	72.1S	37.7W	276	15 A
OCT 29 68	71.9S	28.3W	274	15 B	71.7S	19.0W	273	15 B	71.6S	9.8W	271	15 C	71.5S	.6W	270	15 B
OCT 30 68	71.5S	8.6E	269	15 A	71.6S	18.0E	268	15 A	71.7S	27.5E	268	15 A	71.9S	37.1E	267	15 B

RELIABILITY INDEX.R. RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 98Q  
00 GMT

		00 GMT				06 GMT				12 GMT				18 GMT						
		MPS		R		MPS		R		MPS		R		MPS		R				
OCT 31 68	72.0S	46.7E	266	15	B	72.3S	56.2E	266	15	C	72.5S	65.7E	265	15	C	72.7S	75.3E	265	15	C
NOV 1 68	73.0S	84.8E	265	14	D	73.2S	94.4E	265	14	D	73.4S	103.9E	265	14	D	73.6S	113.5E	266	14	D
NOV 2 68	73.8S	123.1E	266	14	D	74.0S	132.6E	267	14	D	74.2S	142.2E	267	14	D	74.3S	151.8E	268	14	D
NOV 3 68	74.3S	161.6E	269	14	D	74.3S	171.5E	271	14	D	74.2S	178.7W	272	14	C	74.1S	169.3W	274	13	C
NOV 4 68	73.9S	160.5W	276	12	C	73.6S	152.1W	278	13	B	73.2S	142.4W	277	16	B	72.8S	129.4W	276	24	A
NOV 5 68	72.2S	110.7W	275	35	A	71.6S	85.2W	274	46	A	70.9S	55.2W	274	53	A	70.1S	24.0W	274	54	A
NOV 6 68	69.3S	5.1E	275	49	B	68.5S	29.7E	276	42	B	67.7S	49.8E	277	36	C	66.9S	66.6E	278	31	C
NOV 7 68	66.1S	81.1E	278	29	C	65.4S	94.1E	278	27	D	64.6S	105.9E	279	25	D	63.9S	116.5E	279	23	D
NOV 8 68	63.2S	126.2E	279	22	D	62.6S	135.0E	279	20	D	62.0S	143.3E	278	20	C	61.5S	151.5E	277	20	C
NOV 9 68	61.1S	160.0E	275	22	C	60.8S	169.1E	273	24	B	60.6S	179.1E	272	26	A	60.4S	169.9W	271	29	A
NOV 10 68	60.4S	157.9W	270	32	B	60.5S	144.6W	268	35	B	60.8S	130.4W	267	37	C	61.2S	115.5W	266	37	C
NOV 11 68	61.7S	100.3W	265	37	C	62.5S	85.1W	264	36	D	63.3S	70.0W	262	35	D	64.4S	55.2W	260	33	D
NOV 12 68	65.6S	40.8W	258	31	C	67.0S	27.2W	254	28	C	68.5S	14.4W	249	25	C	70.4S	2.7W	242	22	B
NOV 13 68	72.6S	7.6E	231	19	A	75.1S	16.3E	218	17	A	77.7S	23.4E	207	15	A	80.3S	29.0E	198	13	A
NOV 14 68	82.6S	32.9E	191	11	A	84.5S	35.3E	186	8	A	85.8S	36.3E	182	5	A	86.5S	36.1E	173	2	B
NOV 15 68	86.5S	34.9E	18	2	B	85.8S	32.8E	11	5	C	84.6S	30.0E	12	8	C	83.0S	26.5E	14	10	C
NOV 16 68	81.1S	22.5E	18	11	C	79.1S	18.1E	23	11	C	77.1S	13.5E	29	11	C	75.4S	8.7E	36	10	C
NOV 17 68	73.9S	4.0E	46	9	B	72.9S	.5W	59	8	A	72.3S	4.8W	75	7	A	72.2S	8.8W	96	6	A
NOV 18 68	72.6S	12.4W	120	6	B	73.4S	15.7W	138	7	B	74.5S	18.7W	147	8	C	75.9S	21.7W	152	8	B
NOV 19 68	77.3S	24.9W	152	8	B	78.6S	28.4W	151	7	A	79.7S	31.7W	149	6	A	80.5S	34.6W	141	3	B
NOV 20 68	80.7S	36.5W	58	1	B	80.2S	37.1W	359	4	A	79.1S	36.3W	349	7	A	77.6S	34.3W	342	10	A
NOV 21 68	75.6S	30.9W	335	12	B	73.3S	26.5W	329	14	A	71.0S	21.1W	322	16	A	68.7S	15.0W	314	16	A
NOV 22 68	66.6S	8.7W	306	16	B	64.9S	2.2W	297	16	A	63.8S	4.6E	286	16	A	63.2S	11.9E	274	18	A
NOV 23 68	63.4S	19.8E	262	19	A	64.2S	28.5E	254	21	A	65.6S	38.0E	250	22	A	67.0S	47.9E	249	22	B
NOV 24 68	68.4S	58.1E	253	20	A	69.3S	68.3E	259	19	A	69.8S	78.4E	267	18	A	69.7S	88.4E	275	18	B
NOV 25 68	69.2S	98.2E	283	18	B	68.2S	107.5E	288	18	C	67.0S	116.3E	288	18	B	66.1S	124.4E	282	16	B
NOV 26 68	65.9S	131.5E	266	14	A	66.5S	137.6E	245	12	A	67.8S	142.4E	227	11	B	69.3S	145.9E	211	9	A
NOV 27 68	70.7S	147.7E	194	7	A	71.8S	147.9E	169	4	A	72.4S	146.8E	131	3	A	72.7S	144.7E	96	4	B
NOV 28 68	72.6S	142.2E	73	4	C	72.2S	139.7E	55	4	C	71.6S	137.8E	35	4	B	70.9S	137.0E	360	4	A
NOV 29 68	70.1S	138.0E	317	5	A	69.4S	141.1E	296	8	A	68.8S	145.7E	284	9	B	68.6S	150.6E	271	9	A
NOV 30 68	68.8S	155.0E	251	8	A	69.5S	158.3E	226	7	A	70.7S	161.2E	220	8	B	72.0S	164.9E	227	10	A
DEC 1 68	73.2S	170.6E	241	12	A	74.1S	178.9E	253	14	A	74.8S	170.5W	260	16	B	75.2S	158.4W	265	17	B
DEC 2 68	75.3S	145.7W	270	17	C	75.2S	133.0W	274	17	C	74.9S	120.3W	278	17	C	74.3S	107.7W	280	18	D
DEC 3 68	73.6S	94.8W	282	19	D	72.7S	81.8W	284	21	D	71.7S	68.7W	285	22	D	70.6S	55.4W	285	24	D
DEC 4 68	69.3S	42.1W	285	25	D	68.0S	28.7W	285	27	D	66.6S	15.4W	285	28	D	65.2S	2.0W	284	30	D
DEC 5 68	63.8S	11.3E	284	31	D	62.3S	24.6E	283	33	D	60.9S	37.9E	282	34	D	59.5S	51.1E	282	35	D
DEC 6 68	58.1S	64.3E	281	36	D	56.9S	77.3E	280	37	D	55.7S	90.3E	279	38	D	54.7S	103.1E	278	38	D
DEC 7 68	53.8S	115.8E	276	39	D	53.1S	128.3E	275	39	D	52.5S	140.7E	274	38	D	52.1S	152.9E	272	38	D
DEC 8 68	52.0S	164.8E	270	38	D	52.1S	176.6E	263	37	D	52.4S	171.9W	266	36	D	53.1S	160.7W	263	35	D
DEC 9 68	54.0S	149.7W	260	33	D	55.3S	139.1W	257	32	C	56.9S	128.7W	252	30	C	58.8S	118.6W	247	29	C

RELIABILITY INDEX,R. RANGES FROM A(GOOD) TO D(POOR)





100MB GHOST BALLOON 99L  
00 GMT

					MPS R	06 GMT						MPS R	12 GMT						MPS R	18 GMT						MPS R
NOV 18 67	58.3S	103.6E	291	14	D	57.3S	108.3E	292	14	D	56.3S	113.1E	293	15	D	55.1S	118.0E	293	16	D						
NOV 19 67	53.9S	122.9E	293	16	D	52.6S	127.9E	293	17	D	51.3S	132.9E	293	18	D	50.0S	138.0E	292	18	D						
NOV 20 67	48.6S	143.2E	291	19	D	47.3S	148.4E	290	19	D	46.0S	153.6E	289	20	D	44.8S	158.9E	288	20	D						
NOV 21 67	43.6S	164.2E	287	21	D	42.4S	169.6E	286	21	D	41.4S	174.9E	284	21	D	40.4S	179.7W	283	22	D						
NOV 22 67	39.5S	174.3W	281	22	D	38.8S	168.9W	279	22	D	38.2S	163.4W	277	22	D	37.7S	158.0W	275	22	D						
NOV 23 67	37.4S	152.5W	273	22	D	37.3S	147.1W	270	22	C	37.4S	141.6W	269	22	C	37.7S	136.2W	265	22	C						
NOV 24 67	38.2S	130.7W	262	22	C	38.9S	125.3W	259	22	C	39.8S	119.9W	256	22	C	41.0S	114.5W	254	22	C						
NOV 25 67	42.2S	109.1W	251	22	C	43.7S	103.7W	250	22	C	45.2S	98.2W	248	21	B	46.8S	92.7W	247	21	B						
NOV 26 67	48.4S	87.2W	246	21	A	50.1S	81.6W	245	20	A	51.8S	76.1W	244	20	B	53.4S	70.6W	245	19	B						
NOV 27 67	54.8S	65.2W	245	17	C	56.2S	59.9W	247	16	C	57.3S	54.9W	249	15	C	58.2S	50.1W	254	13	D						
NOV 28 67	58.7S	45.7W	261	11	C	58.9S	41.6W	271	10	C	58.6S	38.0W	283	9	C	58.0S	34.8W	296	9	C						
NOV 29 67	57.1S	31.9W	308	10	C	55.8S	29.3W	312	10	C	54.7S	26.7W	303	10	C	54.0S	23.8W	280	10	B						
NOV 30 67	54.1S	20.1W	253	13	B	55.5S	15.4W	238	18	A	57.7S	9.9W	232	20	A	60.2S	4.0W	229	20	B						
DEC 1 67	62.7S	2.0E	231	18	B	64.7S	7.9E	234	15	A	66.2S	13.2E	237	13	A	67.4S	18.0E	237	10	B						
DEC 2 67	68.4S	21.8E	234	8	B	69.2S	24.6E	225	6	C	70.1S	26.6E	211	6	C	71.2S	28.0E	198	6	B						
DEC 3 67	72.5S	29.1E	191	8	A	74.3S	30.1E	188	10	A	76.3S	31.2E	187	11	A	78.4S	32.3E	187	10	B						
DEC 4 67	80.2S	33.6E	188	9	B	81.8S	35.0E	189	7	C	83.0S	36.6E	191	6	C	84.0S	38.3E	192	5	C						
DEC 5 67	84.7S	40.1E	193	4	D	85.4S	42.0E	195	3	D	85.9S	44.0E	197	3	D	86.4S	46.0E	200	2	D						
DEC 6 67	86.6S	48.1E	208	1	D	86.8S	50.2E	225	1	D	86.9S	52.4E	259	1	D	86.9S	54.6E	295	1	D						
DEC 7 67	86.8S	56.9E	314	1	D	86.6S	59.1E	322	1	D	86.5S	61.3E	326	1	D	86.2S	63.5E	328	1	D						
DEC 8 67	86.0S	65.7E	328	1	D	85.8S	67.8E	328	2	D	85.5S	69.9E	325	1	C	85.3S	72.0E	321	1	C						
DEC 9 67	85.1S	73.9E	314	1	C	85.0S	75.8E	305	1	C	84.9S	77.6E	294	1	C	84.8S	79.3E	282	1	C						
DEC 10 67	84.8S	81.0E	269	1	D	84.8S	82.5E	258	1	D	84.9S	83.9E	251	1	C	84.9S	85.3E	248	1	C						
DEC 11 67	85.0S	86.6E	249	1	C	85.0S	87.8E	253	1	C	85.0S	88.9E	CALM	C		85.0S	89.9E	CALM	C							
DEC 12 67	85.0S	90.8E	CALM		C	85.0S	91.5E	CALM		C	85.0S	92.1E	CALM	B		85.0S	92.4E	CALM	B							
DEC 13 67	85.0S	92.4E	CALM		A	85.0S	91.9E	CALM		A	85.0S	91.4E	CALM	B		85.0S	91.0E	CALM	B							
DEC 14 67	85.0S	91.3E	CALM		A	85.0S	92.2E	CALM		A	85.0S	93.2E	CALM	B		85.0S	93.2E	CALM	B							
DEC 15 67	85.0S	91.3E	91	1	A	85.0S	87.0E	91	2	A	85.0S	81.1E	90	3	B	85.0S	74.8E	90	3	B						
DEC 16 67	85.0S	69.4E	89	2	A	85.0S	65.8E	87	1	A	85.0S	64.5E	CALM	A		85.0S	65.7E	274	1	B						
DEC 17 67	85.0S	69.5E	272	2	C	84.9S	76.1E	271	4	C	84.9S	84.7E	270	4	B	84.9S	94.6E	269	5	B						
DEC 18 67	85.0S	105.1E	268	5	A	85.0S	115.3E	266	5	A	85.1S	125.2E	265	4	B	85.2S	134.9E	264	4	B						
DEC 19 67	85.2S	144.3E	264	4	C	85.3S	153.6E	264	4	C	85.4S	162.7E	264	4	C	85.5S	171.8E	266	4	D						
DEC 20 67	85.5S	179.0W	268	4	C	85.5S	169.6W	271	4	C	85.5S	160.0W	274	4	C	85.4S	150.0W	277	4	B						
DEC 21 67	85.3S	139.6W	280	5	A	85.1S	128.7W	283	5	A	84.8S	117.4W	286	6	B	84.5S	105.9W	289	6	B						
DEC 22 67	84.1S	94.2W	292	7	C	83.5S	82.5W	295	7	C	82.9S	71.4W	299	8	C	82.0S	61.2W	304	8	B						
DEC 23 67	81.1S	52.5W	312	8	B	79.9S	45.6W	319	9	A	78.5S	39.5W	320	10	A	77.1S	33.2W	316	11	B						
DEC 24 67	75.4S	25.7W	308	14	D	73.7S	16.1W	302	18	A	71.7S	5.2W	301	21	A	69.3S	5.9E	304	24	B						
DEC 25 67	66.5S	16.3E	309	26	B	63.1S	25.1E	314	26	A	59.6S	32.3E	316	24	A	56.6S	38.1E	313	20	A						
DEC 26 67	54.5S	42.8E	301	15	A	53.7S	46.7E	275	11	A	53.9S	50.1E	251	10	A	54.8S	53.4E	240	11	A						
DEC 27 67	56.0S	57.0E	241	12	A	57.1S	61.1E	248	13	A	57.9S	65.6E	255	13	A	58.4S	70.5E	264	14	B						
DEC 28 67	58.4S	75.6E	275	14	A	58.0S	80.7E	284	14	A	57.2S	85.9E	288	15	B	56.2S	91.2E	288	16	B						
DEC 29 67	55.2S	96.7E	285	17	C	54.5S	102.3E	281	17	C	53.9S	107.9E	277	17	B	53.6S	113.4E	273	17	B						
DEC 30 67	53.6S	118.7E	269	15	A	53.7S	123.5E	265	14	A	54.0S	127.9E	264	13	A	54.2S	131.9E	266	11	A						
DEC 31 67	54.3S	135.4E	272	10	A	54.1S	138.4E	281	9	A	53.7S	141.2E	286	9	A	53.2S	144.1E	286	10	A						

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 99L

		00 GMT				06 GMT				12 GMT				18 GMT						
		MPS		R		MPS		R		MPS		R		MPS		R				
JAN 1 68	52.7S	147.3E	281	11	A	52.3S	151.0E	277	12	A	52.0S	155.0E	275	13	B	51.8S	159.1E	275	13	A
JAN 2 68	51.6S	162.9E	276	12	A	51.3S	166.2E	278	10	A	51.0S	169.0E	281	8	B	50.7S	171.1E	284	6	A
JAN 3 68	50.5S	172.6E	290	4	A	50.2S	173.4E	300	2	A	50.0S	173.9E	303	2	B	49.9S	174.3E	284	2	A
JAN 4 68	49.9S	175.0E	268	3	A	49.9S	176.2E	267	5	A	49.9S	177.7E	274	6	B	49.7S	179.6E	287	7	A
JAN 5 68	49.1S	178.5W	304	8	A	48.0S	176.7W	316	9	A	46.7S	175.0W	321	9	B	45.5S	173.6W	321	7	A
JAN 6 68	44.8S	172.6W	311	4	A	44.6S	172.0W	250	2	A	45.0S	171.4W	218	4	B	45.8S	170.5W	222	6	A
JAN 7 68	46.8S	168.9W	233	9	A	47.9S	166.2W	241	12	A	49.1S	162.8W	247	14	B	50.1S	158.7W	252	15	A
JAN 8 68	50.8S	154.4W	257	15	A	51.3S	150.0W	263	14	A	51.6S	145.5W	268	14	B	51.5S	141.1W	273	14	C
JAN 9 68	51.3S	136.6W	277	15	C	50.9S	132.1W	280	15	C	50.3S	127.7W	282	15	C	49.7S	123.3W	284	15	D
JAN 10 68	48.9S	118.9W	286	15	D	48.1S	114.6W	287	15	D	47.2S	110.5W	287	15	D	46.4S	106.5W	287	15	D
JAN 11 68	45.6S	102.6W	286	14	D	44.9S	98.9W	285	14	D	44.3S	95.3W	283	13	D	43.7S	92.0W	281	12	D
JAN 12 68	43.4S	88.9W	278	11	D	43.2S	86.0W	273	10	D	43.2S	83.4W	266	9	C	43.5S	81.1W	254	8	C
JAN 13 68	44.1S	79.0W	239	8	C	45.0S	77.3W	224	8	B	46.3S	75.9W	210	9	B	47.9S	74.9W	198	9	A
JAN 14 68	49.6S	74.4W	187	9	A	51.5S	74.2W	178	9	B	53.2S	74.5W	171	9	A	54.7S	75.1W	161	7	A
JAN 15 68	55.7S	76.1W	140	5	A	56.2S	77.2W	103	4	B	56.1S	78.5W	74	4	A	55.8S	79.6W	61	3	A
JAN 16 68	55.5S	80.5W	60	2	A	55.4S	81.0W	69	1	B	55.4S	81.2W	CALM	B		55.4S	81.1W	233	1	C
JAN 17 68	55.5S	80.8W	249	1	C	55.6S	80.5W	264	1	C	55.6S	80.0W	278	1	C	55.5S	79.6W	292	1	C
JAN 18 68	55.4S	79.2W	309	1	C	55.1S	78.8W	327	2	B	54.8S	78.6W	345	2	B	54.4S	78.5W	1	3	A
JAN 19 68	53.8S	78.6W	14	3	A	53.1S	79.0W	23	4	B	52.2S	79.7W	30	6	A	51.2S	80.8W	36	7	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 100N

00 GMT				06 GMT				12 GMT				18 GMT			
			MPS R				MPS R								MPS R
OCT 5 67	50.3S	115.2W	31 17 A	47.5S	117.9W	20 12 B		45.7S	117.8W	323 8 B		44.8S	115.3W	282 13 C	
OCT 6 67	44.6S	111.2W	269 18 B	44.8S	105.9W	264 20 B		45.4S	100.2W	261 21 A		46.0S	94.7W	260 19 A	
OCT 7 67	46.6S	89.9W	261 15 A	46.9S	86.3W	263 10 B		47.1S	84.0W	263 6 A		47.3S	82.7W	249 3 A	
OCT 8 67	47.6S	82.3W	179 2 B	48.1S	82.5W	172 3 B		48.7S	82.2W	226 5 A		49.3S	80.2W	257 11 A	
OCT 9 67	49.7S	75.2W	267 23 A	49.8S	66.5W	270 34 B		49.6S	55.1W	272 41 A		49.3S	42.3W	272 44 A	
OCT 10 67	49.0S	29.6W	273 41 B	48.7S	18.0W	272 37 A		48.7S	7.4W	268 35 A		49.2S	2.7E	262 34 A	
OCT 11 67	50.6S	12.9E	254 35 B	52.9S	23.4E	247 36 A		55.8S	34.1E	242 35 A		59.0S	44.7E	239 32 A	
OCT 12 67	62.1S	54.8E	239 28 A	64.6S	64.3E	240 24 A		66.7S	73.5E	242 22 A		68.6S	83.2E	243 21 B	
OCT 13 67	70.5S	93.9E	242 22 A	72.7S	106.1E	241 23 A		74.8S	119.9E	241 22 B		76.8S	135.1E	244 21 B	
OCT 14 67	78.3S	151.7E	250 19 C	79.2S	169.6E	261 18 C		79.4S	171.9W	274 18 C		78.8S	153.4W	287 19 C	
OCT 15 67	77.2S	135.7W	298 22 C	74.8S	119.1W	303 26 C		72.0S	103.0W	299 30 C		69.4S	86.4W	291 33 C	
OCT 16 67	67.7S	68.3W	279 38 B	67.2S	48.1W	270 42 A		67.5S	26.6W	266 43 A		68.1S	4.8W	267 42 B	
OCT 17 67	68.3S	16.3E	271 39 B	67.7S	35.7E	278 37 A		66.4S	53.4E	282 36 A		64.9S	69.5E	283 35 B	
OCT 18 67	63.5S	84.3E	281 33 B	62.6S	97.8E	277 31 C		62.0S	110.5E	273 30 B		61.9S	122.7E	269 29 B	
OCT 19 67	62.2S	134.9E	266 29 A	62.8S	147.2E	263 30 A		63.6S	159.7E	262 29 B		64.4S	172.3E	262 28 B	
OCT 20 67	65.0S	175.3W	264 27 C	65.4S	163.1W	267 26 C		65.6S	151.1W	270 25 C		65.5S	139.2W	272 25 C	
OCT 21 67	65.2S	127.2W	274 26 C	64.7S	115.2W	276 27 B		64.1S	103.2W	277 27 B		63.5S	91.4W	278 27 A	
OCT 22 67	62.8S	79.8W	278 27 B	62.1S	68.6W	277 27 B		61.5S	58.0W	276 25 A		61.1S	48.2W	273 23 A	
OCT 23 67	61.0S	39.4W	269 20 A	61.2S	31.8W	264 17 B		61.6S	25.4W	262 15 C		61.9S	20.0W	265 12 B	
OCT 24 67	61.8S	15.5W	277 10 B	61.4S	11.9W	292 9 A		60.6S	8.7W	300 9 A		59.8S	5.7W	297 9 B	
OCT 25 67	59.1S	2.5W	286 9 B	58.8S	1.1E	274 10 A		58.8S	5.2E	268 11 A		58.9S	9.5E	264 12 B	
OCT 26 67	59.2S	14.0E	264 12 B	59.4S	18.6E	266 12 A		59.5S	23.3E	269 13 A		59.5S	28.3E	273 13 A	
OCT 27 67	59.2S	33.6E	278 15 A	58.7S	39.4E	283 16 A		57.8S	44.9E	291 15 A		56.5S	49.5E	304 13 B	
OCT 28 67	54.9S	52.5E	329 11 A	52.9S	53.5E	355 11 A		50.9S	53.6E	358 9 A		49.6S	54.2E	317 6 B	
OCT 29 67	49.4S	56.6E	258 13 A	50.6S	61.9E	246 24 A		53.0S	69.5E	241 30 B		56.0S	78.6E	239 32 B	
OCT 30 67	59.2S	88.3E	238 30 C	62.2S	97.8E	238 26 C		64.7S	106.7E	238 22 C		66.8S	114.8E	239 18 C	
OCT 31 67	68.4S	121.9E	241 14 C	69.4S	127.9E	246 11 C		70.2S	133.1E	247 9 B		70.9S	137.8E	244 9 A	
NOV 1 67	71.8S	142.6E	235 10 A	73.1S	147.7E	228 11 A		74.5S	153.2E	226 11 B		75.9S	159.0E	229 10 A	
NOV 2 67	77.0S	165.0E	239 8 A	77.5S	171.2E	258 7 A		77.6S	177.6E	279 7 B		77.1S	176.0W	295 8 B	
NOV 3 67	76.2S	169.4W	305 10 C	75.0S	162.8W	310 12 C		73.3S	156.2W	313 13 C		71.4S	149.6W	315 15 D	
NOV 4 67	69.1S	143.1W	316 17 D	66.6S	136.6W	316 19 C		64.0S	130.3W	314 20 C		61.4S	124.2W	312 20 C	
NOV 5 67	58.9S	118.3W	308 20 C	56.7S	112.6W	304 19 B		54.9S	107.2W	296 17 A		53.8S	102.1W	285 16 A	
NOV 6 67	53.4S	97.3W	267 14 A	54.0S	92.8W	249 14 A		55.3S	88.5W	238 15 A		56.9S	84.2W	233 15 B	
NOV 7 67	58.7S	79.8W	234 15 B	60.3S	75.1W	238 14 B		61.6S	70.2W	245 14 A		62.5S	65.1W	256 13 A	
NOV 8 67	62.8S	59.8W	270 13 A	62.5S	54.3W	283 14 A		61.7S	48.6W	290 15 A		60.5S	42.8W	294 16 A	
NOV 9 67	59.1S	36.9W	295 17 A	57.7S	31.0W	293 18 A		56.4S	24.8W	288 19 A		55.5S	18.3W	280 20 A	
NOV 10 67	55.2S	11.3W	271 22 B	55.5S	3.6W	262 23 B		56.3S	4.5E	258 25 C		57.4S	13.1E	255 25 C	
NOV 11 67	58.7S	21.9E	255 25 C	59.9S	30.9E	257 24 C		60.6S	39.9E	264 23 C		60.7S	48.9E	275 23 B	
NOV 12 67	59.8S	57.9E	288 24 A	57.8S	66.7E	297 27 A		55.2S	75.3E	299 28 A		52.8S	83.4E	294 26 B	
NOV 13 67	51.2S	90.7E	282 23 A	51.1S	97.2E	263 20 A		52.1S	103.0E	246 19 B		54.0S	108.4E	236 19 B	
NOV 14 67	56.2S	113.6E	231 19 A	58.6S	118.9E	230 18 A		60.8S	124.2E	231 17 A		62.7S	129.4E	235 15 B	
NOV 15 67	64.1S	134.5E	242 13 C	65.0S	139.5E	255 11 C		65.3S	144.1E	270 9 B		65.0S	148.1E	287 8 B	
NOV 16 67	64.3S	151.3E	308 8 A	63.2S	153.6E	324 8 A		61.9S	155.4E	328 8 A		60.6S	157.3E	321 8 A	
NOV 17 67	59.5S	159.8E	303 9 A	58.6S	163.3E	286 11 A		58.3S	167.5E	273 12 B		58.5S	171.9E	258 12 B	

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 100N  
00 GMT

				MPS R	06 GMT				MPS R	12 GMT				MPS R	18 GMT				MPS R
NOV 18 67	59.2S	175.9E	239	11 A	60.7S	179.2E	221	11 B	62.5S	178.1W	211	12 B	64.6S	175.6W	207	12 C			
NOV 19 67	66.6S	173.1W	209	11 C	68.3S	170.3W	217	10 B	69.6S	166.8W	232	9 B	70.4S	162.2W	253	9 A			
NOV 20 67	70.6S	156.3W	272	12 A	70.3S	148.6W	232	15 A	69.6S	139.4W	281	18 B	69.0S	129.0W	276	20 A			
NOV 21 67	68.9S	117.6W	266	22 A	69.5S	105.6W	259	22 B	70.3S	94.1W	259	19 B	70.7S	84.0W	270	15 C			
NOV 22 67	70.1S	76.5W	305	13 B	68.0S	72.2W	337	15 B	65.2S	69.9W	346	15 A	62.6S	68.2W	336	12 A			
NOV 23 67	61.2S	65.2W	284	10 A	61.7S	60.0W	248	17 A	63.4S	52.6W	240	22 A	65.6S	43.9W	240	22 A			
NOV 24 67	67.5S	34.6W	250	20 B	68.3S	25.1W	266	18 A	68.0S	15.9W	281	18 A	66.9S	7.1W	293	19 A			
NOV 25 67	65.3S	1.2E	300	20 B	63.2S	8.7E	303	20 A	61.1S	15.8E	299	20 A	59.5S	23.0E	289	21 A			
NOV 26 67	58.7S	30.8E	273	22 A	59.0S	39.4E	260	24 A	60.2S	48.6E	252	25 A	61.9S	57.9E	248	24 B			
NOV 27 67	63.6S	66.9E	247	22 A	65.1S	75.1E	246	18 A	66.6S	82.4E	241	16 B	68.2S	88.4E	228	14 B			
NOV 28 67	70.2S	92.8E	208	13 C	72.8S	95.5E	190	14 C	75.5S	96.0E	177	14 C	78.1S	94.2E	165	13 B			
NOV 29 67	80.1S	89.7E	146	9 A	81.1S	82.4E	113	7 A	81.2S	73.3E	76	8 B	80.4S	63.4E	54	11 B			
NOV 30 67	78.9S	53.6E	43	14 A	76.6S	45.1E	36	16 A	74.0S	38.1E	31	17 A	71.2S	33.1E	24	16 B			
DEC 1 67	68.5S	30.4E	12	13 B	66.1S	30.2E	350	12 C	64.0S	32.2E	327	12 C	62.2S	35.9E	311	14 C			
DEC 2 67	60.5S	40.9E	301	16 C	58.9S	46.8E	296	19 C	57.3S	53.2E	293	20 B	55.8S	60.1E	291	21 B			
DEC 3 67	54.4S	67.0E	290	22 A	53.0S	73.7E	289	21 A	51.7S	80.0E	288	20 A	50.6S	85.8E	286	18 B			
DEC 4 67	49.7S	90.7E	284	15 A	49.1S	94.8E	281	12 A	48.8S	97.9E	275	9 A	48.8S	100.3E	264	7 B			
DEC 5 67	49.1S	101.9E	242	5 C	49.7S	102.8E	211	4 C	50.5S	103.2E	185	5 C	51.5S	103.1E	172	6 D			
DEC 6 67	52.8S	102.7E	166	7 D	54.1S	102.1E	164	8 D	55.5S	101.3E	164	8 D	57.1S	100.6E	165	8 C			
DEC 7 67	58.6S	99.9E	169	8 C	60.2S	99.4E	173	8 C	61.8S	99.2E	179	8 C	63.3S	99.3E	187	8 B			
DEC 8 67	64.8S	100.0E	196	7 A	66.1S	101.2E	206	7 A	67.3S	103.1E	219	7 B	68.3S	105.9E	232	8 B			
DEC 9 67	69.1S	109.6E	245	9 A	69.7S	114.4E	256	10 A	70.1S	120.1E	263	11 B	70.2S	126.4E	268	12 B			
DEC 10 67	70.2S	133.3E	273	12 C	70.0S	140.4E	276	13 B	69.7S	147.5E	278	13 B	69.3S	154.2E	280	12 A			
DEC 11 67	68.9S	160.4E	282	11 A	68.4S	165.8E	284	10 A	68.0S	170.5E	286	9 B	67.5S	174.7E	288	8 A			
DEC 12 67	66.9S	178.7E	290	8 A	66.4S	177.5W	291	8 A	65.8S	173.9W	291	8 B	65.2S	170.5W	292	8 A			
DEC 13 67	64.7S	167.4W	292	7 A	64.3S	164.7W	289	6 A	64.0S	162.1W	280	6 B	63.9S	159.3W	268	7 A			
DEC 14 67	64.1S	156.0W	256	9 A	64.6S	151.9W	252	10 A	65.3S	147.4W	254	10 B	65.6S	142.9W	265	9 A			
DEC 15 67	65.4S	138.9W	291	8 A	64.5S	135.7W	316	9 A	62.9S	133.0W	326	11 B	61.1S	130.3W	325	12 A			
DEC 16 67	59.1S	127.3W	317	13 A	57.3S	123.5W	307	14 B	55.7S	119.1W	300	16 B	54.2S	114.1W	296	17 C			
DEC 17 67	52.8S	108.9W	293	18 C	51.5S	103.6W	291	19 C	50.3S	98.1W	288	19 D	49.1S	92.3W	286	21 D			
DEC 18 67	48.0S	86.3W	284	22 D	47.1S	80.1W	282	23 D	46.2S	73.5W	280	24 D	45.4S	66.8W	279	25 D			
DEC 19 67	44.7S	59.8W	278	26 D	44.0S	52.7W	277	27 D	43.5S	45.4W	276	28 D	43.0S	37.9W	275	28 D			
DEC 20 67	42.6S	30.3W	274	29 D	42.2S	22.5W	273	30 D	41.9S	14.6W	272	30 D	41.7S	6.6W	272	31 D			
DEC 21 67	41.6S	1.5E	271	31 D	41.5S	9.7E	271	32 D	41.4S	18.0E	270	32 D	41.4S	26.3E	270	32 D			
DEC 22 67	41.5S	34.8E	269	33 D	41.6S	43.2E	269	33 D	41.8S	51.7E	268	33 D	42.0S	60.2E	268	33 D			
DEC 23 67	42.2S	68.7E	268	32 D	42.5S	77.2E	267	32 D	42.8S	85.7E	267	32 D	43.2S	94.2E	267	32 D			
DEC 24 67	43.6S	102.6E	266	31 D	44.0S	110.9E	266	31 D	44.4S	119.2E	266	30 D	44.9S	127.4E	265	30 D			
DEC 25 67	45.4S	135.6E	265	29 D	45.9S	143.6E	265	29 D	46.4S	151.5E	264	28 D	47.0S	159.3E	264	27 D			
DEC 26 67	47.6S	166.9E	264	26 D	48.1S	174.4E	263	26 D	48.7S	178.3W	263	25 D	49.3S	171.2W	263	24 D			
DEC 27 67	49.9S	164.2W	262	23 D	50.5S	157.5W	262	22 C	51.1S	150.9W	262	21 C	51.7S	144.6W	261	20 C			
DEC 28 67	52.3S	138.5W	261	19 B	52.9S	132.6W	260	18 B	53.5S	127.1W	260	17 A	54.0S	121.9W	260	15 A			
DEC 29 67	54.5S	117.1W	261	14 A	54.9S	112.8W	262	12 B	55.1S	108.8W	264	11 B	55.3S	105.1W	266	11 C			
DEC 30 67	55.4S	101.3W	269	11 B	55.4S	97.5W	270	11 B	55.4S	93.5W	270	12 A	55.5S	89.4W	268	12 A			
DEC 31 67	55.6S	85.2W	264	13 A	56.0S	80.7W	260	13 B	56.5S	75.9W	257	15 A	57.2S	70.7W	255	16 A			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 100N  
00 GMT

				MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R				
JAN 1 68	58.1S	64.8W	254	18	A	59.0S	58.1W	255	19	B	60.0S	50.7W	258	21	A	60.7S	42.5W	262	22	A
JAN 2 68	61.1S	33.5W	268	23	A	60.9S	24.0W	275	24	B	60.3S	14.5W	281	24	A	59.2S	5.8W	288	23	A
JAN 3 68	57.6S	1.6E	297	20	B	55.7S	7.0E	308	17	A	53.8S	10.9E	314	14	A	52.1S	13.8E	311	11	A
JAN 4 68	51.1S	16.3E	291	9	B	50.9S	18.8E	263	8	A	51.4S	21.1E	242	7	A	52.2S	22.7E	221	6	A
JAN 5 68	53.0S	23.4E	181	4	A	53.6S	22.8E	127	4	A	53.9S	21.7E	111	3	A	54.1S	21.0E	125	1	A
JAN 6 68	54.2S	21.4E	263	4	B	54.3S	23.7E	267	9	A	54.4S	27.4E	268	13	A	54.4S	32.1E	269	15	A
JAN 7 68	54.4S	37.1E	271	15	B	54.4S	41.8E	273	13	A	54.2S	45.6E	278	9	A	53.8S	47.6E	308	4	B
JAN 8 68	53.3S	47.2E	60	7	B	52.6S	43.9E	74	15	C	51.7S	38.7E	77	19	C	51.0S	32.7E	80	20	B
JAN 9 68	50.4S	27.1E	83	16	B	50.2S	23.0E	88	11	A	50.3S	20.4E	100	6	A	50.6S	19.3E	154	3	A
JAN 10 68	51.2S	19.6E	223	5	B	52.0S	21.3E	237	8	A	52.9S	23.9E	241	11	A	53.9S	27.2E	243	12	A
JAN 11 68	55.0S	30.8E	243	12	B	56.1S	34.3E	243	11	A	56.9S	37.6E	248	9	A	57.3S	40.2E	262	6	B
JAN 12 68	57.2S	41.8E	312	4	B	56.3S	42.5E	354	6	A	55.0S	42.5E	1	6	A	53.9S	42.6E	349	5	A
JAN 13 68	53.3S	43.3E	281	4	A	53.6S	45.2E	249	8	A	54.3S	48.1E	249	10	A	54.8S	51.5E	263	11	B
JAN 14 68	54.6S	55.2E	290	11	A	53.3S	58.6E	311	13	A	51.4S	61.7E	319	14	A	49.4S	64.3E	320	12	B
JAN 15 68	48.0S	66.2E	308	7	A	47.8S	67.4E	244	3	A	48.5S	68.0E	192	6	A	49.8S	68.1E	180	8	B
JAN 16 68	51.5S	68.0E	177	9	A	53.3S	67.9E	178	9	A	54.8S	68.0E	187	7	A	56.0S	68.6E	212	6	B
JAN 17 68	56.6S	70.2E	256	6	B	56.6S	72.8E	282	9	C	56.0S	76.6E	288	13	C	55.1S	81.3E	287	16	C
JAN 18 68	54.2S	86.9E	283	19	C	53.5S	93.3E	278	21	C	53.2S	100.3E	272	22	B	53.3S	107.5E	264	22	B
JAN 19 68	54.1S	114.7E	254	22	A	55.6S	121.6E	244	22	A	57.7S	128.1E	236	21	B	60.0S	134.0E	230	18	A
JAN 20 68	62.2S	139.0E	224	16	A	64.2S	143.1E	221	13	A	65.9S	146.4E	219	10	B	67.4S	149.4E	221	9	A
JAN 21 68	68.5S	152.3E	227	8	A	69.4S	155.4E	235	7	A	70.1S	158.6E	239	7	B	70.8S	161.9E	240	7	A
JAN 22 68	71.4S	165.2E	236	7	A	72.2S	168.4E	230	7	A	73.1S	171.7E	227	7	B	74.0S	175.1E	226	7	A
JAN 23 68	74.9S	178.7E	228	7	A	75.7S	177.5W	231	6	B	76.4S	173.4W	237	6	B	77.0S	168.8W	247	6	A
JAN 24 68	77.3S	163.8W	260	6	A	77.4S	158.3W	274	6	A	77.1S	152.6W	288	7	B	76.5S	147.2W	302	7	A
JAN 25 68	75.6S	142.4W	316	8	A	74.3S	138.6W	326	9	A	72.8S	135.2W	328	10	B	71.2S	131.6W	322	10	A
JAN 26 68	69.7S	127.2W	310	12	A	68.3S	121.4W	299	14	B	67.1S	114.9W	294	15	B	66.0S	108.2W	291	14	B
JAN 27 68	65.1S	102.3W	291	13	A	64.3S	97.5W	293	10	A	63.5S	93.7W	294	9	B	62.9S	90.5W	295	8	C
JAN 28 68	62.3S	87.6W	294	8	B	61.7S	84.6W	291	8	B	61.1S	81.3W	285	9	A	60.7S	77.4W	279	11	A
JAN 29 68	60.5S	72.7W	273	13	A	60.4S	67.0W	269	15	A	60.6S	60.7W	267	17	A	60.8S	53.9W	265	17	A
JAN 30 68	61.1S	47.0W	265	17	B	61.4S	40.2W	266	17	B	61.5S	33.7W	271	16	A	61.2S	27.5W	279	15	A
JAN 31 68	60.5S	21.8W	292	15	B	59.1S	16.5W	302	16	B	57.4S	11.5W	304	17	C	55.6S	6.4W	299	18	B
FEB 1 68	54.1S	.7W	289	19	B	53.2S	5.6E	280	20	A	52.7S	12.1E	275	20	A	52.5S	18.4E	272	18	B
FEB 2 68	52.4S	23.7E	273	15	B	52.2S	27.7E	276	11	A	51.9S	30.4E	283	7	A	51.6S	32.0E	298	4	A
FEB 3 68	51.2S	32.6E	344	2	B	50.8S	32.5E	32	3	A	50.4S	31.9E	47	3	A	50.0S	31.2E	50	3	A
FEB 4 68	49.7S	30.8E	33	1	B	49.6S	30.8E	287	1	A	49.6S	31.4E	269	2	A	49.6S	32.2E	268	3	A
FEB 5 68	49.6S	33.1E	273	3	B	49.5S	34.1E	279	3	C	49.4S	35.1E	283	3	C	49.2S	36.1E	285	4	C
FEB 6 68	49.0S	37.1E	285	4	C	48.9S	38.2E	282	4	C	48.7S	39.3E	278	4	C	48.7S	40.4E	272	4	B
FEB 7 68	48.7S	41.5E	263	4	B	48.8S	42.5E	256	3	A	49.0S	43.4E	257	3	A	49.0S	44.3E	269	3	A
FEB 8 68	48.9S	45.1E	293	3	A	48.6S	45.9E	311	4	A	48.1S	46.7E	317	4	A	47.5S	47.5E	316	4	A
FEB 9 68	46.9S	48.4E	308	4	A	46.5S	49.3E	300	4	A	46.2S	50.2E	295	3	A	46.1S	50.7E	296	1	A
FEB 10 68	46.0S	50.6E	100	2	A	46.2S	49.8E	101	4	A	46.3S	48.5E	99	5	A	46.5S	47.1E	95	5	A
FEB 11 68	46.5S	45.6E	86	5	A	46.3S	44.5E	73	4	A	46.1S	43.4E	68	4	A	45.7S	42.1E	71	6	A
FEB 12 68	45.4S	40.4E	77	8	B	45.1S	37.9E	82	10	A	44.8S	35.1E	85	10	A	44.8S	32.4E	89	9	A
FEB 13 68	44.8S	30.1E	96	7	B	45.0S	28.6E	106	5	A	45.3S	27.4E	106	5	A	45.5S	26.0E	95	6	B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 100N

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
FEB 14 68	45.4S	23.8E	85	10 B	45.1S	20.4E	79	14 A	44.4S	16.3E	74	17 A	43.3S	11.9E	69	17 A
FEB 15 68	41.9S	7.9E	61	16 B	40.2S	4.5E	50	15 A	38.3S	2.1E	38	13 A	36.4S	.7E	20	10 B
FEB 16 68	34.5S	.4E	353	9 B	33.0S	1.2E	323	9 A	31.8S	2.7E	300	9 A	31.3S	4.6E	276	8 A
FEB 17 68	31.6S	6.3E	241	7 B	32.7S	7.5E	208	9 A	34.5S	8.2E	191	11 A	36.7S	8.5E	182	12 A
FEB 18 68	39.1S	8.5E	176	12 B	41.4S	8.2E	174	11 A	43.2S	8.0E	179	8 A	44.4S	8.2E	208	4 A
FEB 19 68	44.6S	9.2E	291	6 B	43.6S	11.1E	311	12 A	41.7S	13.7E	318	15 A	39.3S	16.3E	324	16 A
FEB 20 68	36.8S	18.3E	332	14 B	34.5S	19.5E	346	11 B	32.7S	19.6E	12	8 A	31.6S	18.7E	62	6 A
FEB 21 68	31.6S	17.0E	107	10 B	32.7S	14.4E	123	15 A	34.6S	11.5E	130	17 A	36.7S	8.6E	134	16 B
FEB 22 68	38.6S	6.2E	137	12 B	40.0S	4.7E	141	7 A	40.7S	4.0E	154	3 A	41.1S	3.9E	206	2 A
FEB 23 68	41.3S	4.2E	250	2 B	41.4S	4.9E	259	3 A	41.5S	5.8E	263	4 A	41.6S	7.0E	265	5 A
FEB 24 68	41.7S	8.5E	267	6 B	41.8S	10.2E	266	7 A	41.9S	12.0E	264	7 A	42.1S	13.9E	260	7 A
FEB 25 68	42.4S	15.7E	254	7 B	42.8S	17.4E	250	6 A	43.0S	18.4E	262	3 A	42.8S	18.6E	31	3 A
FEB 26 68	41.9S	17.4E	45	11 B	40.0S	14.8E	48	17 A	37.6S	11.2E	50	20 A	35.2S	7.6E	52	18 A
FEB 27 68	33.5S	4.9E	55	11 B	32.8S	3.5E	68	3 A	33.0S	3.6E	223	4 A	33.9S	4.7E	230	9 B
FEB 28 68	35.2S	6.8E	233	12 B	36.7S	9.3E	236	14 C	38.1S	12.1E	240	13 C	39.1S	14.8E	249	10 B
FEB 29 68	39.4S	16.9E	274	7 B	38.9S	18.1E	321	6 A	37.9S	18.6E	352	6 A	36.6S	18.6E	12	6 B
MAR 1 68	35.7S	18.1E	36	5 B	35.2S	17.3E	76	4 A	35.2S	16.1E	100	6 A	35.5S	14.5E	106	8 A
MAR 2 68	36.0S	12.4E	104	10 B	36.5S	9.9E	104	10 C	36.9S	8.0E	113	6 C	37.4S	7.7E	242	4 B
MAR 3 68	37.8S	10.3E	264	18 B	38.1S	16.5E	267	32 A	38.3S	25.9E	269	44 A	38.5S	38.1E	269	53 B
MAR 4 68	38.6S	52.2E	270	60 B	38.5S	67.7E	270	65 A	38.4S	84.2E	271	68 A	38.1S	101.4E	271	71 B
MAR 5 68	37.7S	118.9E	272	72 B	37.1S	136.5E	273	73 A	36.4S	154.3E	273	75 A	35.5S	172.5E	274	77 B
MAR 6 68	34.5S	168.7W	274	81 B	33.5S	149.4W	274	84 C	32.4S	129.6W	274	86 C	31.3S	109.9W	274	86 C
MAR 7 68	30.3S	90.6W	273	85 C	29.5S	72.0W	273	81 C	28.8S	54.4W	272	76 C	28.5S	38.2W	271	70 B
MAR 8 68	28.4S	23.6W	269	62 B	28.8S	10.9W	267	53 A	29.6S	.2W	264	44 A	30.7S	8.6E	259	35 A
MAR 9 68	32.2S	15.5E	253	27 B	33.8S	20.5E	244	20 C	35.6S	24.0E	235	15 C	37.1S	26.5E	229	11 C
MAR 10 68	38.3S	28.4E	234	8 C	39.0S	30.0E	251	7 C	39.2S	31.5E	275	6 C	38.8S	32.9E	298	6 C
MAR 11 68	38.0S	34.3E	312	8 C	36.8S	35.8E	320	9 C	35.4S	37.2E	326	9 C	33.9S	38.3E	332	8 B
MAR 12 68	32.6S	38.9E	343	6 B	31.6S	39.1E	6	4 A	31.0S	38.8E	49	3 A	30.8S	38.0E	89	4 B
MAR 13 68	31.0S	37.0E	111	5 B	31.6S	35.8E	125	7 C	32.4S	34.6E	136	7 C	33.6S	33.5E	148	7 C
MAR 14 68	34.9S	32.8E	164	7 C	36.2S	32.6E	186	7 C	37.6S	33.3E	213	8 C	38.9S	34.9E	235	11 B
MAR 15 68	40.0S	37.9E	250	15 B	40.9S	42.3E	258	20 A	41.6S	48.0E	263	24 A	42.0S	54.8E	266	28 B
MAR 16 68	42.4S	62.4E	268	30 B	42.5S	70.7E	269	32 A	42.5S	79.3E	270	33 A	42.5S	88.1E	271	34 B
MAR 17 68	42.4S	97.1E	271	34 B	42.2S	105.9E	272	34 C	42.0S	114.8E	272	34 C	41.8S	123.6E	272	34 C
MAR 18 68	41.5S	132.5E	272	34 C	41.2S	141.4E	273	35 C	40.9S	150.5E	273	35 C	40.5S	159.6E	273	36 B
MAR 19 68	40.1S	168.9E	273	37 A	39.7S	178.2E	273	37 A	39.2S	172.3W	274	38 B	38.8S	162.8W	274	38 B
MAR 20 68	38.3S	153.2W	274	39 C	37.8S	143.6W	274	39 C	37.3S	133.9W	274	40 C	36.8S	124.2W	274	40 D
MAR 21 68	36.3S	114.4W	274	41 D	35.8S	104.7W	274	41 D	35.3S	94.9W	274	41 D	34.7S	85.2W	274	41 D
MAR 22 68	34.2S	75.5W	274	41 D	33.7S	65.8W	274	41 D	33.2S	56.2W	273	41 D	32.8S	46.7W	273	41 D
MAR 23 68	32.3S	37.3W	273	41 C	31.8S	28.1W	273	40 C	31.4S	18.9W	273	40 C	31.0S	9.8W	273	40 B
MAR 24 68	30.6S	.8W	273	40 B	30.3S	8.3E	273	40 A	29.9S	16.9E	272	37 B	29.6S	24.8E	272	33 B
MAR 25 68	29.4S	31.7E	272	27 A	29.2S	37.1E	273	21 A	29.0S	41.1E	273	16 A	28.9S	44.0E	274	11 B
MAR 26 68	28.7S	45.9E	275	6 B	28.6S	46.9E	280	3 A	28.5S	47.3E	293	1 A	28.4S	47.5E	298	1 B
MAR 27 68	28.3S	47.9E	285	2 A	28.2S	48.6E	279	4 A	28.0S	49.7E	277	6 B	27.9S	51.1E	276	7 B
MAR 28 68	27.8S	52.8E	275	9 C	27.6S	54.9E	274	10 C	27.5S	57.1E	274	11 C	27.3S	59.6E	274	12 D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 100N  
00 GMT

			MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R
MAR 29 68	27.2S	62.4E	274 13 D	27.0S 65.3E	273 14 D	26.9S 68.5E	273 15 D	26.7S 71.8E	273 16 D
MAR 30 68	26.5S	75.3E	273 16 C	26.3S 78.9E	273 17 C	26.1S 82.7E	273 18 C	25.9S 86.5E	273 18 B
MAR 31 68	25.7S	90.4E	274 18 B	25.5S 94.4E	274 19 A	25.2S 98.4E	274 19 A	25.0S 102.5E	274 19 B
APR 1 68	24.8S	106.6E	274 19 C	24.5S 110.7E	274 19 C	24.2S 114.7E	274 19 C	24.0S 118.8E	274 19 C
APR 2 68	23.7S	122.9E	274 19 D	23.5S 127.0E	274 19 D	23.2S 131.0E	274 19 D	23.0S 134.9E	274 19 D
APR 3 68	22.7S	138.9E	274 18 D	22.5S 142.7E	273 18 D	22.3S 146.5E	273 18 D	22.1S 150.2E	273 17 D
APR 4 68	21.9S	153.8E	273 17 D	21.8S 157.3E	273 17 D	21.7S 160.7E	272 16 D	21.5S 164.0E	272 15 D
APR 5 68	21.5S	167.1E	272 15 D	21.4S 170.1E	271 14 D	21.4S 173.0E	270 13 D	21.4S 175.7E	270 13 D
APR 6 68	21.4S	178.2E	269 12 D	21.4S 179.4W	268 11 D	21.5S 177.3W	266 10 C	21.7S 175.3W	265 9 C
APR 7 68	21.9S	173.6W	262 8 C	22.1S 172.0W	259 7 B	22.4S 170.7W	255 6 B	22.7S 169.6W	250 5 A
APR 8 68	23.0S	168.7W	242 4 A	23.4S 168.1W	239 3 A	23.7S 167.4W	250 4 B	23.8S 166.6W	267 5 A
APR 9 68	23.8S	165.3W	279 7 A	23.4S 163.4W	284 10 A	22.9S 161.1W	282 12 B	22.4S 158.4W	278 14 A
APR 10 68	22.2S	155.4W	271 15 A	22.4S 152.3W	263 15 B	22.9S 149.1W	258 16 B	23.7S 145.7W	255 17 C
APR 11 68	24.6S	142.3W	253 17 C	25.6S 138.7W	253 18 C	26.6S 135.1W	254 18 D	27.5S 131.3W	256 18 C
APR 12 68	28.3S	127.4W	258 18 C	28.9S 123.4W	262 18 C	29.3S 119.4W	266 18 B	29.4S 115.4W	272 18 A
APR 13 68	29.0S	111.4W	280 18 A	28.2S 107.5W	287 17 B	27.0S 104.1W	295 16 A	25.6S 101.3W	306 14 A
APR 14 68	23.9S	99.4W	324 11 A	22.2S 98.6W	350 9 B	20.6S 98.6W	13 8 A	19.3S 99.2W	32 7 A
APR 15 68	18.5S	100.0W	54 5 A	18.3S 100.7W	94 3 B	18.5S 101.3W	137 4 B	19.2S 101.7W	159 5 C
APR 16 68	20.2S	102.0W	172 6 B	21.3S 102.0W	182 6 B	22.5S 101.9W	192 6 A	23.5S 101.5W	205 5 A
APR 17 68	24.3S	100.9W	228 5 A	24.7S 100.1W	255 4 B	24.7S 99.2W	284 4 A	24.3S 98.5W	318 4 A
APR 18 68	23.6S	98.1W	353 5 A	22.4S 98.2W	15 7 B	21.2S 98.8W	30 7 A	20.0S 99.8W	46 7 A
APR 19 68	19.2S	101.0W	67 7 A	19.0S 102.4W	88 7 B	19.1S 103.8W	99 7 A	19.3S 105.0W	100 5 A
APR 20 68	19.3S	105.8W	80 3 A	19.1S 106.1W	21 2 B	18.9S 106.1W	307 1 A	19.0S 105.8W	215 3 A
APR 21 68	19.8S	105.5W	191 7 A	21.6S 105.3W	186 11 B	23.9S 105.0W	190 12 A	26.1S 104.3W	202 11 A
APR 22 68	27.7S	103.1W	233 9 A	28.2S 101.2W	270 10 B	27.9S 98.8W	282 12 A	27.4S 96.1W	280 13 A
APR 23 68	27.2S	93.2W	267 13 A	27.7S 90.5W	251 13 B	28.7S 87.8W	242 14 A	30.1S 85.1W	240 15 A
APR 24 68	31.5S	82.1W	243 15 A	32.7S 78.9W	248 15 B	33.7S 75.7W	252 14 A	34.5S 72.6W	257 13 A
APR 25 68	34.8S	69.9W	265 10 A	34.8S 67.7W	274 8 B	34.6S 65.9W	281 7 A	34.3S 64.2W	281 7 A
APR 26 68	34.1S	62.3W	275 9 A	34.1S 60.1W	269 10 B	34.1S 57.6W	268 11 A	34.2S 54.8W	271 12 A
APR 27 68	34.0S	51.9W	276 13 A	33.6S 48.9W	282 13 B	33.0S 46.1W	290 12 A	32.1S 43.8W	302 10 A
APR 28 68	31.0S	42.4W	326 8 B	29.7S 42.0W	2 7 B	28.4S 42.4W	29 8 A	27.2S 43.5W	48 8 A
APR 29 68	26.3S	44.9W	65 8 B	25.9S 46.5W	84 7 B	26.0S 47.8W	115 5 A	26.8S 48.5W	168 6 A
APR 30 68	28.3S	48.2W	203 10 B	30.4S 46.7W	217 16 B	33.0S 44.0W	224 20 A	35.8S 40.3W	230 22 A
MAY 1 68	38.5S	35.9W	236 23 B	40.8S 30.9W	242 23 B	42.6S 25.6W	249 21 A	43.7S 20.5W	257 19 A
MAY 2 68	44.3S	15.6W	268 17 B	44.0S 11.5W	281 15 B	43.3S 7.9W	292 13 C	42.2S 5.0W	300 12 C
MAY 3 68	41.0S	2.5W	305 10 C	39.9S .5W	308 9 D	38.9S 1.0E	312 8 D	37.9S 2.3E	316 7 D
MAY 4 68	37.0S	3.3E	320 6 C	36.1S 4.2E	323 6 C	35.3S 5.0E	321 5 C	34.5S 5.8E	315 5 B
MAY 5 68	33.9S	6.7E	304 5 B	33.4S 7.8E	291 6 A	33.1S 9.1E	281 6 A	32.9S 10.7E	273 7 A
MAY 6 68	32.9S	12.5E	267 9 B	33.1S 14.6E	263 10 C	33.4S 17.0E	261 11 C	33.8S 19.6E	259 12 C
MAY 7 68	34.2S	22.5E	258 13 C	34.8S 25.5E	257 13 C	35.4S 28.7E	257 14 C	36.0S 32.0E	257 15 B
MAY 8 68	36.7S	35.5E	257 15 B	37.3S 39.1E	257 15 A	38.0S 42.8E	258 15 A	38.6S 46.6E	260 16 B
MAY 9 68	39.0S	50.4E	263 16 A	39.4S 54.4E	265 16 A	39.5S 58.5E	268 16 A	39.6S 62.7E	270 17 B
MAY 10 68	39.6S	66.9E	271 17 A	39.5S 71.1E	272 17 A	39.3S 75.4E	273 17 B	39.2S 79.8E	272 17 B
MAY 11 68	39.1S	84.2E	271 18 C	39.1S 88.7E	269 18 C	39.3S 93.3E	266 19 B	39.7S 98.1E	262 19 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



100MB GHOST BALLOON 100N  
00 GMT

			MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R
MAY 12 68	40.3S 103.0E	258	20 A	41.3S 108.2E	255 21 A	42.5S 113.6E	252 22 B	43.9S 119.1E	250 22 B
MAY 13 68	45.5S 124.7E	248	22 C	47.1S 130.4E	247 22 C	48.7S 136.2E	248 21 C	50.2S 141.9E	249 20 C
MAY 14 68	51.5S 147.6E	251	19 C	52.6S 153.2E	255 18 C	53.3S 158.6E	261 17 B	53.6S 163.9E	269 16 A
MAY 15 68	53.3S 169.0E	280	15 A	52.5S 173.7E	290 15 A	51.4S 178.1E	297 15 B	50.0S 178.1W	300 13 A
MAY 16 68	48.8S 175.0W	301	11 A	47.9S 172.7W	298 8 A	47.4S 171.0W	286 5 B	47.3S 169.6W	255 4 A
MAY 17 68	47.8S 168.5W	222	5 A	48.9S 167.5W	210 8 A	50.3S 166.3W	207 9 B	51.9S 164.9W	210 10 A
MAY 18 68	53.5S 163.3W	217	9 A	54.8S 161.2W	230 9 B	55.6S 158.7W	252 9 B	55.7S 155.5W	278 10 A

AUG 20 68	62.3S 173.4E	265	19 A	62.6S 178.5W	267 20 A	62.6S 169.9W	270 21 B	62.6S 160.8W	272 22 B
AUG 21 68	62.4S 151.1W	273	24 C	62.1S 140.9W	274 25 C	61.8S 130.2W	274 27 C	61.5S 119.0W	274 28 D
AUG 22 68	61.1S 107.3W	273	30 C	60.9S 95.0W	272 31 C	60.6S 82.2W	272 33 C	60.5S 68.9W	271 34 C
AUG 23 68	60.4S 55.2W	270	36 C	60.4S 41.0W	270 36 C	60.3S 26.9W	271 35 C	60.0S 13.5W	274 33 B
AUG 24 68	59.3S 1.5W	279	30 B	58.2S 9.0E	284 28 A	56.7S 18.6E	287 28 A	55.0S 28.2E	287 31 B
AUG 25 68	53.2S 38.9E	285	37 B	51.5S 51.4E	281 44 A	50.0S 65.4E	278 49 A	48.9S 80.4E	274 52 B
AUG 26 68	48.6S 96.0E	270	53 A	49.1S 111.5E	264 52 A	50.7S 126.5E	256 49 B	53.6S 140.6E	245 45 B

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 101H  
00 GMT

				MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R						
OCT 12 67	39.2S	177.5W	334	8 A	37.8S	176.5W	311	9 A	36.8S	174.1W	290	13 B	36.1S	170.6W	280	17 A
OCT 13 67	35.7S	166.2W	276	20 A	35.4S	161.2W	273	22 A	35.2S	155.7W	272	24 B	35.0S	150.1W	272	24 A
OCT 14 67	34.9S	144.5W	272	23 A	34.7S	139.3W	273	22 A	34.5S	134.3W	272	21 B	34.5S	129.5W	269	20 C
OCT 15 67	34.7S	124.9W	265	19 C	35.2S	120.4W	260	19 C	36.0S	116.1W	255	18 C	37.0S	111.9W	252	18 D
OCT 16 67	38.1S	107.8W	249	17 D	39.3S	103.8W	248	17 C	40.5S	100.0W	248	16 C	41.6S	96.4W	249	15 C
OCT 17 67	42.6S	92.8W	252	14 B	43.3S	89.4W	256	13 B	43.8S	86.2W	260	12 A	44.2S	83.0W	264	11 A
OCT 18 67	44.3S	80.0W	268	11 B	44.3S	77.1W	272	10 B	44.2S	74.3W	273	10 A	44.1S	71.6W	273	10 A
OCT 19 67	44.0S	68.9W	270	10 A	44.1S	66.2W	267	10 B	44.2S	63.2W	264	12 A	44.5S	59.8W	262	14 A
OCT 20 67	44.9S	55.8W	262	16 B	45.5S	50.9W	261	20 A	46.1S	45.0W	260	23 A	47.0S	38.0W	260	27 A
OCT 21 67	48.0S	29.7W	259	32 B	49.2S	20.0W	259	35 A	50.5S	9.2W	260	38 A	51.7S	2.6E	262	39 A
OCT 22 67	52.6S	15.2E	265	40 B	53.1S	28.2E	267	41 A	53.3S	41.4E	269	41 A	53.5S	54.7E	269	40 B
OCT 23 67	53.8S	67.7E	267	39 A	54.3S	80.3E	265	37 A	55.1S	92.4E	263	35 A	56.0S	103.9E	261	33 B
OCT 24 67	57.1S	115.0E	259	31 B	58.2S	125.4E	258	28 C	59.3S	135.4E	257	26 C	60.4S	144.9E	258	24 C
OCT 25 67	61.3S	154.0E	260	22 C	61.9S	162.7E	264	21 B	62.2S	171.0E	268	20 B	62.1S	179.0E	275	19 A
OCT 26 67	61.5S	173.4W	282	19 A	60.6S	166.3W	288	18 B	59.4S	159.8W	291	17 B	58.3S	154.4W	290	14 A
OCT 27 67	57.6S	150.2W	283	10 A	57.5S	147.5W	264	6 A	57.8S	145.5W	245	5 B	58.2S	143.7W	245	6 A
OCT 28 67	58.7S	141.3W	258	8 A	58.9S	137.7W	268	11 A	58.8S	132.9W	273	14 B	58.6S	127.0W	275	17 C
OCT 29 67	58.3S	120.2W	275	20 C	57.9S	112.7W	275	22 C	57.5S	104.4W	275	24 D	57.1S	95.5W	275	26 D
OCT 30 67	56.6S	86.1W	275	28 C	56.1S	76.1W	275	29 C	55.7S	65.8W	273	31 C	55.5S	55.1W	271	32 C
OCT 31 67	55.5S	44.2W	269	32 B	55.8S	33.1W	266	32 A	56.2S	22.0W	266	32 A	56.5S	10.9W	268	32 B
NOV 1 67	56.5S	.1E	272	31 B	56.0S	11.0E	277	31 A	55.1S	21.6E	280	31 A	53.9S	31.9E	283	31 B
NOV 2 67	52.4S	41.6E	285	31 A	50.7S	50.6E	287	30 A	49.1S	59.1E	287	28 A	47.6S	66.8E	285	27 B
NOV 3 67	46.4S	74.0E	282	25 B	45.7S	80.4E	277	22 C	45.3S	86.3E	273	20 C	45.2S	91.8E	270	19 C
NOV 4 67	45.3S	96.8E	267	17 D	45.5S	101.4E	265	16 D	45.9S	105.8E	263	15 D	46.3S	110.0E	261	15 C
NOV 5 67	46.8S	114.1E	260	14 C	47.3S	118.0E	259	14 C	47.8S	122.0E	260	14 B	48.3S	126.0E	261	14 B
NOV 6 67	48.7S	130.1E	263	14 A	48.9S	134.4E	266	15 A	49.0S	138.9E	269	15 B	49.0S	143.5E	273	16 A
NOV 7 67	48.8S	148.2E	276	16 A	48.4S	153.1E	278	17 A	47.9S	158.0E	278	17 B	47.5S	163.1E	275	18 B
NOV 8 67	47.4S	168.1E	269	18 A	47.6S	173.2E	264	18 A	48.0S	178.3E	263	18 B	48.4S	176.6W	264	17 A
NOV 9 67	48.6S	171.7W	269	17 A	48.5S	166.9W	275	16 A	48.1S	162.0W	281	17 B	47.3S	156.9W	285	19 A
NOV 10 67	46.2S	151.3W	287	22 A	44.9S	145.2W	287	24 B	43.5S	138.7W	286	25 B	42.3S	132.3W	283	24 A
NOV 11 67	41.4S	126.3W	278	22 A	41.1S	121.1W	270	19 A	41.3S	116.6W	262	16 B	41.9S	112.6W	254	15 C
NOV 12 67	42.9S	109.1W	246	14 C	44.1S	106.0W	239	13 C	45.4S	103.2W	233	12 C	46.9S	100.6W	227	11 C
NOV 13 67	48.4S	98.4W	222	11 B	49.9S	96.4W	220	10 B	51.4S	94.4W	223	10 A	52.6S	92.2W	232	10 A
NOV 14 67	53.6S	89.5W	246	10 A	54.3S	86.1W	258	12 B	54.6S	82.0W	265	13 A	54.7S	77.3W	269	14 A
NOV 15 67	54.7S	72.3W	271	16 A	54.7S	66.8W	272	17 A	54.5S	61.2W	274	17 A	54.2S	55.3W	276	18 A
NOV 16 67	53.7S	49.4W	280	18 A	53.0S	43.5W	281	19 A	52.4S	37.6W	279	19 A	52.0S	31.8W	274	19 A
NOV 17 67	52.0S	25.9W	264	19 A	52.7S	20.0W	255	19 A	53.9S	14.0W	248	20 A	55.5S	7.6W	245	21 A
NOV 18 67	57.3S	.6W	244	22 B	59.2S	6.9E	245	22 A	61.0S	14.5E	246	20 A	62.3S	21.5E	250	16 A
NOV 19 67	63.1S	27.2E	259	11 A	63.2S	31.1E	280	7 A	62.7S	33.6E	306	6 A	61.9S	35.3E	323	6 B
NOV 20 67	61.1S	36.6E	322	5 B	60.3S	38.2E	306	6 A	59.7S	40.8E	290	9 A	59.1S	45.0E	282	14 A
NOV 21 67	58.5S	51.6E	278	22 A	57.9S	61.1E	276	29 A	57.3S	72.8E	274	35 A	56.9S	85.8E	273	38 B
NOV 22 67	56.5S	99.3E	272	38 B	56.4S	112.5E	271	37 A	56.3S	124.9E	270	34 B	56.3S	136.0E	270	30 B
NOV 23 67	56.2S	145.5E	272	24 A	56.0S	153.1E	273	19 A	55.9S	159.2E	271	16 B	56.0S	164.3E	263	14 A
NOV 24 67	56.6S	168.9E	251	14 A	57.7S	173.6E	241	15 A	59.3S	178.6E	237	16 B	61.0S	176.0W	238	17 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 101H  
00 GMT

	00 GMT		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
NOV 25 67	62.6S	170.1W	243	17 A	63.9S	163.5W	251	16 A	64.7S	156.6W	259	16 B	65.0S	149.7W	269	15 A
NOV 26 67	64.7S	143.1W	282	14 A	63.8S	137.2W	295	14 A	62.5S	131.9W	304	14 B	60.8S	127.2W	309	14 B
NOV 27 67	59.0S	123.1W	312	14 C	57.3S	119.5W	313	13 C	55.7S	116.4W	311	11 C	54.4S	113.6W	307	10 C
NOV 28 67	53.4S	111.1W	298	8 C	52.9S	109.0W	283	7 C	52.8S	106.8W	267	7 C	53.0S	104.4W	257	8 C
NOV 29 67	53.5S	101.5W	253	10 B	54.2S	97.8W	253	13 B	54.9S	93.4W	256	15 A	55.6S	87.9W	260	17 A
NOV 30 67	56.1S	81.5W	265	20 A	56.3S	74.0W	269	23 B	56.3S	65.7W	271	25 A	56.1S	56.8W	273	26 A
DEC 1 67	55.9S	47.6W	273	27 B	55.6S	38.3W	273	27 A	55.3S	29.2W	273	26 A	55.1S	20.6W	271	24 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 103A  
00 GMT

		MPS R				06 GMT				MPS R				12 GMT				MPS R				18 GMT				MPS R			
OCT	28 67	44.4S	177.5E	229	13	A	45.9S	179.8W	240	11	A	46.6S	177.1W	262	10	B	46.5S	174.3W	282	10	A								
OCT	29 67	45.8S	171.4W	294	12	A	44.7S	168.4W	301	13	A	43.3S	165.3W	303	14	B	41.8S	162.0W	302	15	A								
OCT	30 67	40.3S	158.7W	298	15	A	39.0S	155.1W	294	16	A	37.8S	151.5W	290	16	B	36.8S	147.7W	287	16	B								
OCT	31 67	35.9S	143.9W	284	17	C	35.2S	140.0W	282	17	C	34.6S	136.1W	279	17	C	34.1S	132.0W	277	18	D								
NOV	1 67	33.7S	127.7W	275	19	D	33.5S	123.3W	273	20	D	33.3S	118.6W	271	21	D	33.3S	113.7W	270	22	D								
NOV	2 67	33.4S	108.4W	269	23	D	33.5S	102.8W	268	25	D	33.8S	96.9W	267	26	D	34.1S	90.7W	266	27	D								
NOV	3 67	34.5S	84.2W	266	28	D	35.0S	77.3W	265	30	D	35.5S	70.0W	265	32	C	36.1S	62.2W	265	34	C								
NOV	4 67	36.7S	53.6W	265	37	C	37.4S	44.2W	265	40	B	38.1S	34.2W	265	42	A	38.8S	23.9W	265	42	A								
NOV	5 67	39.6S	13.4W	264	42	B	40.5S	2.9W	264	41	A	41.4S	7.2E	263	39	A	42.2S	17.0E	263	36	B								
NOV	6 67	43.1S	26.1E	263	33	B	43.9S	34.6E	263	31	A	44.6S	42.7E	263	29	A	45.2S	50.7E	264	29	B								
NOV	7 67	45.7S	58.8E	265	30	B	46.1S	67.2E	267	31	C	46.4S	76.0E	267	32	C	46.7S	85.1E	268	32	C								
NOV	8 67	46.9S	94.3E	269	33	D	47.0S	103.7E	269	33	D	47.1S	113.2E	269	34	D	47.2S	122.9E	269	34	D								
NOV	9 67	47.3S	132.6E	269	34	D	47.4S	142.6E	269	35	D	47.5S	152.7E	269	35	C	47.7S	162.9E	269	36	C								
NOV	10 67	47.9S	173.3E	268	36	C	48.1S	176.2W	268	36	C	48.4S	165.6W	268	36	C	48.7S	154.9W	267	36	C								
NOV	11 67	49.1S	144.1W	267	37	D	49.4S	133.2W	268	37	D	49.7S	122.3W	268	37	D	49.9S	111.3W	268	37	D								
NOV	12 67	50.1S	100.3W	269	36	D	50.2S	89.2W	270	37	C	50.2S	78.1W	270	37	C	50.0S	67.1W	271	37	C								
NOV	13 67	49.8S	56.0W	273	37	B	49.4S	44.9W	274	37	B	48.8S	33.8W	275	38	A	48.0S	22.8W	277	38	A								
NOV	14 67	47.1S	11.8W	278	39	B	45.9S	.9W	280	40	B	44.4S	10.0E	282	41	C	42.7S	20.8E	283	42	C								
NOV	15 67	40.7S	31.5E	285	43	C	38.4S	42.1E	286	44	C	35.8S	52.6E	288	46	B	32.9S	63.0E	290	47	B								

RELIABILITY INDEX,R. RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 104P

		00 GMT				06 GMT				12 GMT				18 GMT						
		MPS		R		MPS		R		MPS		R		MPS		R				
NOV 8 67	57.1S	175.7W	237	7	A	57.9S	173.3W	232	7	A	58.8S	171.6W	221	6	B	59.7S	170.2W	212	6	A
NOV 9 67	60.7S	169.1W	207	6	A	61.8S	168.0W	207	6	A	62.9S	166.7W	211	7	B	64.0S	165.0W	216	7	A
NOV 10 67	65.2S	162.7W	223	8	A	66.4S	159.7W	228	9	A	67.6S	156.0W	233	10	B	68.7S	151.6W	238	10	B
NOV 11 67	69.7S	146.8W	244	10	C	70.4S	141.5W	251	10	B	70.9S	135.9W	259	10	B	71.1S	130.0W	268	10	A
NOV 12 67	71.0S	123.9W	278	10	A	70.6S	117.7W	286	11	A	69.8S	111.3W	292	12	B	68.8S	104.7W	294	14	B
NOV 13 67	67.6S	97.9W	295	15	C	66.4S	90.7W	293	16	C	65.2S	83.1W	289	18	C	64.1S	74.9W	284	20	C
NOV 14 67	63.4S	65.7W	277	22	C	63.0S	55.6W	272	24	C	62.9S	45.0W	270	25	C	62.9S	34.2W	270	25	C
NOV 15 67	62.9S	23.7W	271	24	C	62.8S	13.9W	274	22	B	62.4S	4.7W	276	21	B	61.8S	3.7E	280	20	A
NOV 16 67	61.1S	11.7E	283	20	A	60.1S	19.2E	285	19	A	59.2S	26.4E	284	19	A	58.3S	33.3E	281	19	A
NOV 17 67	57.8S	40.3E	275	19	A	57.7S	47.2E	268	19	A	58.1S	53.9E	262	17	A	58.7S	59.7E	255	15	B
NOV 18 67	59.5S	64.3E	245	11	B	60.5S	67.5E	233	8	C	61.4S	69.6E	224	6	C	62.1S	71.1E	229	4	C
NOV 19 67	62.4S	72.6E	259	4	C	62.4S	74.4E	278	5	C	62.3S	76.2E	270	4	C	62.6S	77.2E	201	3	B
NOV 20 67	63.6S	76.9E	161	8	A	65.6S	74.9E	156	14	A	68.2S	71.9E	157	15	A	70.8S	68.9E	160	13	B
NOV 21 67	72.9S	66.9E	167	8	B	73.9S	66.5E	192	3	C	74.1S	67.6E	283	2	B	73.8S	69.5E	306	4	B
NOV 22 67	73.4S	71.7E	305	4	A	73.0S	73.7E	295	3	A	72.9S	75.2E	265	2	A	73.1S	76.0E	198	2	B
NOV 23 67	73.7S	75.9E	168	4	A	74.7S	74.9E	162	6	A	75.8S	73.4E	163	6	B	76.9S	72.3E	170	5	B
NOV 24 67	77.7S	72.2E	194	3	C	77.9S	73.6E	269	2	C	77.8S	76.1E	299	4	B	77.3S	79.1E	308	4	B
NOV 25 67	76.8S	82.0E	312	4	A	76.2S	84.4E	315	4	A	75.7S	86.5E	314	4	B	75.2S	88.9E	308	4	A
NOV 26 67	74.6S	92.0E	301	6	A	74.0S	96.1E	296	7	A	73.4S	101.0E	291	8	B	72.9S	106.3E	286	9	B
NOV 27 67	72.6S	111.7E	280	8	C	72.4S	116.9E	273	8	C	72.4S	121.7E	266	7	C	72.6S	126.1E	258	7	C
NOV 28 67	72.9S	130.2E	251	6	D	73.4S	133.9E	244	6	D	73.9S	137.4E	239	6	C	74.5S	140.6E	237	5	C
NOV 29 67	75.0S	143.8E	237	5	C	75.5S	146.9E	241	5	B	75.9S	150.2E	248	4	B	76.1S	153.5E	259	4	A
NOV 30 67	76.2S	157.1E	273	5	A	76.0S	160.9E	285	5	A	75.7S	164.9E	292	6	B	75.3S	169.0E	296	6	B
DEC 1 67	74.7S	173.1E	297	6	C	74.2S	177.1E	297	6	B	73.6S	179.0W	296	6	B	73.1S	175.3W	293	6	A
DEC 2 67	72.7S	172.0W	289	5	A	72.5S	169.1W	285	4	A	72.3S	166.4W	288	4	B	72.0S	163.9W	297	4	A
DEC 3 67	71.4S	161.3W	309	5	A	70.6S	158.7W	315	7	A	69.7S	155.9W	316	7	B	68.7S	153.0W	312	7	A
DEC 4 67	67.8S	150.0W	303	7	A	67.2S	147.0W	293	7	A	66.8S	144.0W	285	6	B	66.5S	141.2W	279	5	A
DEC 5 67	66.4S	138.7W	276	5	A	66.4S	136.7W	274	4	A	66.3S	135.0W	270	3	A	66.4S	133.8W	265	2	A
DEC 6 67	66.4S	132.8W	255	2	A	66.5S	132.2W	238	1	A	66.7S	131.8W	215	1	A	66.9S	131.6W	193	1	A
DEC 7 67	67.1S	131.5W	179	1	A	67.4S	131.6W	173	1	A	67.7S	131.7W	171	2	A	68.0S	131.8W	172	2	A
DEC 8 67	68.4S	131.9W	176	2	A	68.8S	132.0W	181	2	A	69.2S	131.9W	187	2	B	69.7S	131.6W	194	3	B
DEC 9 67	70.2S	131.2W	200	3	C	70.7S	130.5W	207	3	C	71.3S	129.5W	213	3	C	71.8S	128.2W	219	4	C
DEC 10 67	72.4S	126.5W	225	4	C	73.0S	124.4W	232	4	C	73.5S	121.9W	240	5	C	73.9S	119.0W	250	5	D
DEC 11 67	74.1S	115.7W	263	5	D	74.1S	112.2W	278	5	C	73.7S	108.2W	295	7	C	73.0S	103.9W	308	8	C
DEC 12 67	71.7S	99.3W	317	11	B	69.8S	94.4W	321	14	B	67.4S	89.2W	322	17	A	64.6S	83.7W	321	20	A
DEC 13 67	61.5S	77.9W	319	22	A	58.3S	72.0W	316	24	A	55.0S	65.8W	313	25	A	51.7S	59.5W	309	26	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 119S  
00 GMT

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
JAN 24 68	52.9S	173.9W	181	18 A	56.3S	173.7W	191	15 A	58.6S	172.0W	214	12 B	60.0S	169.0W	240	10 A
JAN 25 68	60.7S	165.1W	261	11 A	60.7S	160.5W	277	12 A	60.2S	155.6W	287	13 B	59.3S	150.7W	294	14 A
JAN 26 68	58.0S	146.1W	300	14 A	56.6S	142.1W	307	13 A	55.1S	138.9W	316	12 B	53.4S	136.6W	330	11 A
JAN 27 68	51.5S	135.5W	351	10 A	49.6S	135.6W	10	10 A	47.7S	136.4W	20	10 B	46.2S	137.3W	20	7 A
JAN 28 68	45.1S	137.7W	356	4 A	44.7S	137.1W	279	4 A	44.8S	135.7W	253	7 B	45.4S	133.7W	243	8 A
JAN 29 68	46.3S	131.6W	237	9 A	47.3S	129.5W	231	9 A	48.4S	127.7W	224	8 B	49.4S	126.5W	214	6 A
JAN 30 68	50.2S	125.9W	185	3 A	50.6S	126.3W	125	3 A	50.8S	127.3W	94	4 B	50.7S	128.6W	79	5 B
JAN 31 68	50.5S	130.1W	67	5 A	50.0S	131.3W	53	4 A	49.4S	132.1W	34	4 B	48.8S	132.5W	8	4 C
FEB 1 68	48.0S	132.4W	338	4 C	47.2S	131.6W	313	6 C	46.4S	129.8W	298	9 C	45.6S	127.0W	288	13 C
FEB 2 68	44.8S	122.9W	283	18 B	44.1S	117.4W	279	23 B	43.5S	110.5W	275	28 A	43.1S	102.4W	272	33 A
FEB 3 68	43.0S	93.3W	270	36 A	43.2S	83.3W	267	38 A	43.8S	73.0W	265	38 A	44.6S	63.1W	262	35 A
FEB 4 68	45.5S	54.2W	260	30 A	46.6S	46.7W	257	25 A	47.6S	40.2W	259	22 A	48.1S	34.0W	266	22 A
FEB 5 68	48.0S	27.3W	276	25 A	47.1S	19.7W	282	29 A	45.8S	11.4W	283	32 A	44.6S	2.7W	279	33 A
FEB 6 68	44.0S	6.2E	272	32 B	44.2S	14.8E	264	32 A	45.2S	23.3E	259	32 A	46.5S	32.0E	258	32 B
FEB 7 68	47.6S	40.9E	261	32 B	48.3S	50.2E	266	33 A	48.4S	60.0E	272	34 A	47.7S	70.3E	279	37 A
FEB 8 68	46.2S	81.2E	284	41 B	43.8S	92.7E	287	45 C	41.1S	104.1E	287	46 B	38.8S	114.9E	284	42 B
FEB 9 68	37.4S	124.4E	275	35 A	37.5S	132.2E	264	29 A	38.4S	138.7E	256	25 B	39.5S	144.4E	258	23 A
FEB 10 68	40.0S	150.1E	270	23 A	39.4S	156.1E	283	25 A	38.0S	162.1E	289	25 A	36.4S	167.8E	290	24 A
FEB 11 68	35.1S	172.7E	285	19 A	34.6S	176.4E	272	14 A	34.8S	179.3E	256	11 B	35.6S	178.4W	241	11 A
FEB 12 68	36.9S	176.1W	235	12 A	38.3S	173.4W	236	14 A	39.9S	170.1W	242	17 B	41.4S	165.6W	250	21 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 130X

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
APR 23 68	47.8S	175.0W	243	14 A	49.0S	171.3W	252	13 A	49.4S	167.7W	268	12 B	49.1S	164.2W	283	12 A
APR 24 68	48.4S	160.7W	292	13 A	47.3S	157.0W	296	15 A	46.0S	153.1W	296	16 B	44.6S	148.9W	294	18 A
APR 25 68	43.3S	144.2W	289	19 A	42.2S	139.2W	284	20 A	41.3S	134.0W	280	20 B	40.8S	129.1W	275	18 A
APR 26 68	40.8S	124.9W	266	14 A	41.2S	121.7W	253	12 A	42.2S	118.6W	244	14 B	43.6S	115.0W	242	18 A
APR 27 68	45.5S	109.8W	244	25 A	47.7S	102.6W	247	31 B	50.0S	93.9W	249	32 A	52.0S	84.7W	254	30 A
APR 28 68	53.2S	75.9W	262	26 A	53.3S	68.2W	274	22 B	52.7S	61.4W	282	20 A	51.8S	55.2W	284	20 A
APR 29 68	51.0S	49.2W	279	20 A	50.6S	43.1W	274	21 B	50.3S	36.6W	274	22 A	49.9S	29.7W	278	24 A
APR 30 68	48.9S	22.3W	285	27 B	47.2S	14.2W	290	31 A	44.9S	5.9W	292	33 A	42.5S	2.2E	292	32 A
MAY 1 68	40.3S	9.7E	290	30 B	38.7S	16.4E	285	26 A	37.6S	22.2E	280	23 A	37.2S	27.5E	273	21 A
MAY 2 68	37.2S	32.5E	266	21 A	37.6S	37.5E	261	21 A	38.3S	42.5E	259	20 A	39.0S	47.4E	260	20 A
MAY 3 68	39.5S	52.2E	264	19 A	39.8S	57.0E	269	19 A	39.7S	61.7E	272	19 A	39.6S	66.4E	272	19 B
MAY 4 68	39.5S	71.3E	270	20 B	39.7S	76.3E	267	20 C	39.9S	81.6E	265	21 C	40.4S	87.0E	264	22 C
MAY 5 68	40.8S	92.6E	263	22 D	41.4S	98.4E	263	23 D	42.0S	104.3E	262	23 D	42.6S	110.5E	262	24 C
MAY 6 68	43.3S	116.9E	262	25 C	44.0S	123.5E	261	25 C	44.8S	130.4E	261	26 B	45.6S	137.5E	260	27 B
MAY 7 68	46.5S	145.1E	260	28 A	47.4S	152.8E	260	28 A	48.2S	160.5E	261	25 B	48.9S	167.4E	264	22 B
MAY 8 68	49.1S	173.0E	269	16 A	49.0S	177.0E	278	12 A	48.5S	179.8W	283	11 B	48.1S	176.6W	278	12 A
MAY 9 68	47.9S	172.4W	270	17 A	48.1S	166.5W	266	23 A	48.5S	159.5W	265	25 B	48.8S	151.9W	268	26 A
MAY 10 68	48.8S	144.5W	273	24 A	48.3S	137.8W	281	22 A	47.3S	131.8W	287	21 B	46.0S	126.2W	292	21 A
MAY 11 68	44.3S	120.9W	294	21 A	42.6S	115.6W	295	22 B	40.9S	110.6W	295	20 B	39.4S	106.2W	293	17 A
MAY 12 68	38.3S	102.7W	289	13 A	37.7S	100.3W	282	8 B	37.5S	98.7W	275	6 A	37.4S	97.4W	276	5 A
MAY 13 68	37.2S	96.0W	286	6 A	36.8S	94.3W	292	8 B	36.1S	92.5W	294	9 A	35.4S	90.6W	292	8 A
MAY 14 68	35.0S	89.0W	286	6 A	34.8S	87.8W	272	4 B	34.9S	87.2W	245	2 A	35.0S	87.1W	142	1 A
MAY 15 68	35.2S	87.6W	101	3 A	35.2S	88.6W	85	5 B	35.0S	89.8W	65	5 A	34.3S	90.7W	31	6 A
MAY 16 68	33.1S	91.0W	355	8 A	31.2S	90.3W	334	12 B	29.2S	88.7W	318	13 A	27.6S	86.5W	299	13 A
MAY 17 68	26.9S	83.7W	270	14 A	27.6S	80.7W	246	15 B	29.2S	77.7W	231	16 A	31.3S	75.3W	220	14 A
MAY 18 68	33.2S	73.7W	205	10 A	34.7S	73.2W	185	6 B	35.5S	73.2W	189	3 A	35.7S	72.7W	277	4 A
MAY 19 68	35.3S	71.0W	289	11 A	34.4S	67.5W	287	20 B	33.2S	62.1W	283	27 A	32.1S	55.2W	278	34 A
MAY 20 68	31.5S	46.9W	272	38 A	31.7S	37.7W	266	42 B	32.7S	28.1W	261	43 A	34.2S	18.5W	257	41 A
MAY 21 68	36.3S	9.6W	252	37 B	38.6S	1.7W	247	32 A	41.0S	5.1E	246	27 A	42.8S	11.2E	250	23 A
MAY 22 68	43.9S	16.7E	263	20 B	43.8S	21.7E	280	18 A	42.7S	26.4E	294	19 A	41.0S	30.7E	302	19 A
MAY 23 68	38.8S	34.6E	307	19 B	36.6S	38.2E	308	18 A	34.6S	41.7E	302	17 A	33.2S	45.2E	289	17 A
MAY 24 68	32.7S	49.1E	269	18 A	33.3S	53.5E	255	21 A	34.8S	58.6E	249	26 A	36.8S	64.9E	248	30 B
MAY 25 68	39.0S	72.4E	251	35 A	41.0S	81.4E	256	38 A	42.5S	91.1E	261	38 A	43.1S	100.9E	270	36 B
MAY 26 68	42.4S	110.0E	284	33 A	40.1S	117.9E	297	32 A	37.0S	124.9E	301	33 B	33.8S	131.9E	296	34 B
MAY 27 68	31.3S	139.5E	285	37 A	30.2S	148.1E	273	40 A	30.3S	157.4E	266	41 B	31.3S	166.5E	261	40 A
MAY 28 68	32.6S	175.0E	258	35 A	34.1S	177.9W	255	29 A	35.5S	172.0W	253	24 B	36.8S	167.0W	251	20 A
MAY 29 68	37.9S	162.9W	252	16 A	38.8S	159.3W	253	14 A	39.5S	155.9W	254	14 B	40.3S	152.6W	254	14 A
MAY 30 68	41.1S	148.8W	252	16 A	42.2S	144.5W	253	18 A	43.1S	139.7W	259	19 B	43.4S	134.5W	270	20 A
MAY 31 68	42.9S	129.2W	286	21 A	41.2S	123.7W	296	24 B	39.0S	117.8W	295	28 B	36.9S	111.1W	288	31 A
JUN 1 68	35.5S	103.2W	276	36 A	35.5S	93.9W	265	41 B	36.8S	84.1W	257	41 A	39.0S	75.0W	248	37 A
JUN 2 68	41.9S	67.5W	235	29 A	45.3S	62.5W	221	23 B	48.4S	58.8W	220	19 A	50.6S	55.0W	242	16 A
JUN 3 68	51.2S	49.6W	277	22 B	49.6S	41.6W	292	33 B	46.6S	31.9W	297	40 A	43.0S	21.8W	297	41 A
JUN 4 68	39.6S	12.7W	295	36 B	37.3S	5.6W	290	27 A	36.1S	.0W	280	21 A	35.9S	4.8E	265	20 A
JUN 5 68	36.7S	9.6E	252	22 B	38.4S	15.1E	246	26 A	40.7S	21.3E	244	28 A	43.1S	28.1E	245	29 A

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 130X  
00 GMT

				MPS R	06 GMT		MPS R	12 GMT		MPS R	18 GMT		MPS R			
JUN 6 68	45.3S	35.4E	250	29 B	46.9S	43.0E	257	28 A	47.7S	50.8E	266	27 A	47.6S	58.5E	277	27 B
JUN 7 68	46.3S	65.9E	291	27 A	43.9S	72.8E	300	29 A	40.9S	79.4E	302	29 A	38.1S	85.6E	297	28 B
JUN 8 68	36.2S	91.6E	284	25 A	35.7S	97.6E	267	25 A	36.5S	103.4E	254	25 A	38.3S	109.4E	246	26 B
JUN 9 68	40.5S	115.5E	243	27 A	43.0S	121.8E	242	27 A	45.5S	128.3E	243	27 B	47.7S	135.0E	246	26 B
JUN 10 68	49.5S	141.8E	252	24 C	50.5S	148.7E	261	23 B	50.9S	155.7E	271	23 B	50.4S	162.9E	281	25 A
JUN 11 68	49.0S	170.4E	290	27 A	46.8S	178.2E	295	31 A	44.1S	173.9W	297	33 B	41.1S	166.1W	296	33 A
JUN 12 68	38.5S	158.7W	293	32 A	36.4S	151.7W	287	30 A	35.1S	145.0W	277	28 B	35.1S	138.2W	264	29 A
JUN 13 68	36.5S	131.2W	250	32 A	39.4S	123.5W	240	36 A	43.3S	115.3W	236	38 B	47.5S	106.7W	236	37 C
JUN 14 68	51.2S	97.5W	241	34 B	53.8S	87.9W	250	32 B	55.3S	77.9W	261	31 A	55.7S	67.3W	271	31 A
JUN 15 68	55.1S	56.2W	280	34 B	53.5S	44.5W	285	38 B	51.3S	32.6W	288	40 A	49.0S	21.0W	288	40 A
JUN 16 68	46.8S	10.2W	286	37 B	45.1S	.6W	283	34 A	43.8S	7.9E	282	30 A	42.7S	15.5E	282	28 A
JUN 17 68	41.5S	22.4E	284	26 B	40.1S	28.8E	286	26 A	38.7S	35.1E	285	26 A	37.6S	41.4E	281	27 A
JUN 18 68	36.9S	48.0E	274	28 A	36.8S	55.1E	268	30 A	37.3S	62.6E	263	31 A	38.2S	70.3E	261	32 B
JUN 19 68	39.3S	77.9E	259	31 B	40.4S	85.4E	258	30 C	41.7S	92.7E	256	29 C	43.1S	99.9E	255	28 C
JUN 20 68	44.6S	107.2E	254	28 C	46.1S	114.6E	252	28 C	47.8S	122.1E	251	28 B	49.6S	129.7E	250	27 B
JUN 21 68	51.5S	137.4E	248	27 A	53.4S	145.3E	249	26 A	55.0S	153.5E	255	25 B	55.9S	162.1E	267	25 B
JUN 22 68	55.5S	171.1E	282	28 A	53.6S	179.3W	292	33 A	50.9S	168.8W	292	38 B	48.2S	157.3W	287	43 A
JUN 23 68	46.3S	144.5W	278	49 A	45.7S	130.3W	270	53 B	46.1S	115.3W	266	54 B	47.0S	100.1W	265	53 C
JUN 24 68	47.8S	85.3W	267	50 B	48.1S	71.5W	270	46 B	47.8S	58.8W	274	42 A	47.1S	47.1W	277	40 A
JUN 25 68	46.1S	36.4W	279	37 B	44.9S	26.5W	280	35 B	43.7S	17.1W	279	35 A	42.8S	7.5W	276	37 A
JUN 26 68	42.3S	2.7E	271	41 B	42.4S	13.9E	268	44 A	42.9S	25.7E	266	45 A	43.5S	37.3E	266	42 A
JUN 27 68	44.0S	48.1E	268	38 B	44.1S	57.5E	271	32 A	43.9S	65.7E	273	29 A	43.5S	73.1E	274	26 B
JUN 28 68	43.1S	79.8E	274	25 B	42.9S	86.3E	273	24 C	42.7S	92.7E	272	24 C	42.6S	99.0E	271	24 C
JUN 29 68	42.5S	105.3E	271	24 D	42.4S	111.7E	271	25 D	42.4S	118.2E	271	25 D	42.3S	124.8E	271	25 D
JUN 30 68	42.2S	131.2E	271	24 D	42.1S	137.6E	271	24 D	42.1S	143.9E	270	24 D	42.1S	150.1E	270	24 D
JUL 1 68	42.1S	156.3E	270	24 D	42.1S	162.4E	270	24 D	42.1S	168.6E	270	23 D	42.1S	174.7E	270	23 D
JUL 2 68	42.2S	179.2W	270	23 D	42.2S	173.1W	269	23 D	42.2S	167.0W	269	23 D	42.3S	161.0W	269	23 D
JUL 3 68	42.4S	155.0W	269	23 D	42.4S	149.1W	269	23 D	42.5S	143.1W	269	23 D	42.6S	137.2W	269	22 D
JUL 4 68	42.7S	131.3W	269	22 D	42.7S	125.4W	269	22 D	42.8S	119.5W	269	22 D	42.9S	113.6W	269	22 D
JUL 5 68	43.0S	107.8W	269	22 D	43.1S	101.9W	269	22 D	43.2S	96.1W	269	22 D	43.3S	90.3W	269	22 D
JUL 6 68	43.4S	84.4W	269	22 D	43.5S	78.6W	269	22 D	43.5S	72.8W	269	22 C	43.6S	67.0W	269	22 C
JUL 7 68	43.7S	61.2W	269	22 C	43.8S	55.4W	269	22 C	43.8S	49.5W	269	22 B	43.9S	43.7W	269	21 A
JUL 8 68	43.9S	38.0W	269	21 A	44.0S	32.5W	269	20 B	44.0S	27.0W	270	20 B	44.1S	21.6W	270	20 C
JUL 9 68	44.1S	16.2W	270	20 C	44.1S	10.8W	270	20 C	44.1S	5.3W	270	20 D	44.1S	.2E	270	20 D
JUL 10 68	44.1S	5.7E	270	20 D	44.1S	11.2E	270	20 D	44.1S	16.7E	270	20 D	44.0S	22.3E	270	20 D
JUL 11 68	44.0S	27.8E	270	20 D	44.0S	33.3E	271	20 D	44.0S	38.8E	271	20 D	43.9S	44.3E	271	21 D
JUL 12 68	43.9S	49.9E	271	21 D	43.8S	55.4E	271	21 D	43.8S	61.0E	271	21 D	43.7S	66.5E	271	21 D
JUL 13 68	43.6S	72.1E	271	21 D	43.6S	77.6E	271	21 D	43.5S	83.2E	271	21 D	43.4S	88.7E	271	21 D
JUL 14 68	43.3S	94.3E	271	21 D	43.3S	99.9E	271	21 D	43.2S	105.5E	271	21 D	43.1S	111.1E	271	21 D
JUL 15 68	43.0S	116.7E	271	21 D	42.9S	122.3E	271	21 D	42.8S	127.9E	271	21 D	42.7S	133.5E	271	21 D
JUL 16 68	42.6S	139.1E	271	21 D	42.5S	144.7E	271	21 D	42.4S	150.3E	271	21 D	42.3S	156.0E	271	21 D
JUL 17 68	42.2S	161.6E	271	21 D	42.1S	167.2E	271	22 D	42.0S	172.9E	271	22 D	41.9S	178.5E	271	22 D
JUL 18 68	41.8S	175.8W	271	22 D	41.7S	170.2W	271	22 D	41.6S	164.5W	271	22 D	41.5S	158.9W	271	22 D
JUL 19 68	41.4S	153.2W	271	22 D	41.3S	147.5W	271	22 D	41.2S	141.9W	271	22 D	41.1S	136.2W	271	22 D

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



100MB GHOST BALLOON 130X

	00 GMT				06 GMT				12 GMT				18 GMT			
	MPS	R			MPS	R			MPS	R			MPS	R		
JUL 20 68	41.0S	130.5W	271	22 D	40.9S	124.8W	271	22 D	40.8S	119.1W	271	22 D	40.7S	113.4W	271	22 D
JUL 21 68	40.6S	107.7W	271	22 D	40.5S	102.0W	271	22 D	40.4S	96.3W	271	22 D	40.3S	90.6W	271	22 D
JUL 22 68	40.2S	84.9W	271	22 D	40.1S	79.2W	271	23 D	40.1S	73.5W	271	23 D	40.0S	67.7W	271	23 D
JUL 23 68	39.9S	62.0W	271	23 D	39.8S	56.3W	271	23 D	39.8S	50.5W	271	23 D	39.7S	44.8W	271	23 D
JUL 24 68	39.7S	39.0W	271	23 D	39.6S	33.3W	271	23 D	39.6S	27.5W	271	23 D	39.5S	21.8W	271	23 D
JUL 25 68	39.5S	16.0W	270	23 D	39.5S	10.3W	270	23 D	39.4S	4.5W	270	23 D	39.4S	1.3E	270	23 D
JUL 26 68	39.4S	7.0E	270	23 D	39.4S	12.8E	270	23 D	39.4S	18.6E	270	23 D	39.4S	24.4E	270	23 D
JUL 27 68	39.4S	30.2E	270	23 D	39.4S	35.9E	270	23 D	39.4S	41.7E	270	23 D	39.5S	47.5E	270	23 D
JUL 28 68	39.5S	53.3E	269	23 D	39.5S	59.1E	269	23 D	39.6S	64.9E	269	23 D	39.6S	70.7E	269	23 D
JUL 29 68	39.7S	76.5E	269	23 D	39.8S	82.4E	269	23 D	39.9S	88.2E	269	23 D	40.0S	94.0E	269	23 D
JUL 30 68	40.1S	99.8E	269	23 D	40.2S	105.6E	269	23 D	40.3S	111.5E	268	23 D	40.4S	117.3E	268	23 D
JUL 31 68	40.6S	123.1E	268	23 D	40.7S	128.9E	268	23 D	40.9S	134.8E	268	23 D	41.0S	140.6E	268	23 D
AUG 1 68	41.2S	146.5E	268	23 D	41.4S	152.3E	267	23 D	41.6S	158.1E	267	23 D	41.8S	164.0E	267	22 D
AUG 2 68	42.0S	169.8E	267	22 D	42.2S	175.7E	267	22 D	42.5S	178.4W	267	22 D	42.7S	172.6W	267	22 D
AUG 3 68	43.0S	166.7W	266	22 D	43.3S	160.9W	266	22 D	43.6S	155.0W	266	22 D	43.9S	149.1W	266	22 D
AUG 4 68	44.2S	143.3W	266	22 D	44.5S	137.4W	265	22 D	44.8S	131.5W	265	22 D	45.2S	125.6W	265	21 D
AUG 5 68	45.6S	119.8W	265	21 D	45.9S	113.9W	265	21 D	46.3S	108.0W	264	21 D	46.7S	102.1W	264	21 D
AUG 6 68	47.2S	96.2W	264	21 D	47.6S	90.3W	264	21 D	48.0S	84.5W	263	20 D	48.5S	78.6W	263	20 D
AUG 7 68	49.0S	72.7W	263	20 D	49.5S	66.8W	263	20 D	50.0S	60.9W	262	20 D	50.5S	55.1W	262	20 D
AUG 8 68	51.0S	49.1W	262	19 D	51.6S	43.2W	261	19 D	52.2S	37.2W	261	19 D	52.7S	31.2W	261	19 D
AUG 9 68	53.3S	25.4W	260	18 D	53.9S	19.7W	260	17 D	54.6S	14.0W	259	17 D	55.2S	8.2W	259	18 D
AUG 10 68	55.9S	2.2W	259	18 C	56.6S	4.2E	259	19 C	57.3S	10.7E	258	18 C	58.0S	17.0E	258	17 B
AUG 11 68	58.7S	22.9E	258	15 B	59.3S	28.3E	257	14 A	59.8S	33.0E	258	12 A	60.3S	37.0E	258	10 B
AUG 12 68	60.6S	40.5E	260	8 B	60.8S	43.3E	263	6 C	60.9S	45.6E	267	5 C	60.9S	47.7E	272	5 C
AUG 13 68	60.8S	49.7E	277	5 D	60.7S	51.6E	281	5 D	60.5S	53.6E	284	5 D	60.2S	55.5E	288	5 D
AUG 14 68	59.9S	57.2E	292	5 D	59.5S	58.9E	296	5 D	59.1S	60.4E	300	4 D	58.7S	61.8E	302	4 D
AUG 15 68	58.2S	63.2E	302	4 D	57.7S	64.6E	302	5 D	57.3S	66.0E	301	5 D	56.8S	67.4E	300	5 D
AUG 16 68	56.3S	68.9E	298	5 D	55.9S	70.4E	296	5 D	55.5S	72.0E	293	5 D	55.1S	73.7E	289	6 D
AUG 17 68	54.8S	75.6E	285	6 D	54.5S	77.6E	282	6 D	54.3S	79.8E	278	7 D	54.1S	82.1E	275	7 D
AUG 18 68	54.0S	84.4E	272	7 D	54.0S	86.9E	269	8 D	54.1S	89.5E	265	9 D	54.3S	92.6E	263	10 D
AUG 19 68	54.6S	96.3E	262	12 D	55.0S	100.7E	260	14 D	55.5S	105.5E	258	14 D	56.1S	110.0E	253	13 C
AUG 20 68	56.9S	113.7E	244	10 C	57.8S	116.6E	236	9 C	58.9S	119.8E	240	12 B	60.2S	124.8E	248	18 B
AUG 21 68	61.6S	133.3E	254	28 A	63.2S	146.3E	256	35 A	64.9S	161.7E	256	36 B	66.6S	177.2E	254	31 A
AUG 22 68	68.2S	169.8W	250	22 A	69.6S	161.1W	241	14 A	70.8S	155.9W	229	9 B	71.8S	152.8W	222	6 C
AUG 23 68	72.6S	150.1W	229	6 C	73.3S	146.8W	241	6 C	73.8S	142.9W	249	6 C	74.1S	138.9W	256	6 D
AUG 24 68	74.3S	135.2W	262	5 D	74.4S	132.0W	270	4 D	74.4S	129.4W	280	3 D	74.2S	127.1W	291	3 D
AUG 25 68	73.9S	125.0W	299	3 D	73.5S	122.9W	305	4 D	73.1S	120.8W	310	4 D	72.5S	118.7W	313	4 D
AUG 26 68	71.9S	116.7W	315	5 D	71.3S	114.6W	317	5 D	70.5S	112.6W	318	5 D	69.8S	110.6W	318	5 D
AUG 27 68	69.0S	108.6W	318	6 D	68.2S	106.5W	316	6 D	67.4S	104.3W	313	6 D	66.6S	101.8W	308	7 D
AUG 28 68	65.8S	99.0W	302	8 D	65.0S	95.6W	297	9 D	64.2S	92.0W	295	9 D	63.5S	88.3W	294	9 D
AUG 29 68	62.8S	84.8W	294	9 D	62.1S	81.5W	293	8 C	61.5S	78.1W	288	9 C	61.0S	74.1W	281	12 C
AUG 30 68	60.7S	68.9W	276	15 B	60.5S	61.9W	272	20 B	60.3S	52.9W	271	26 A	60.2S	41.3W	271	33 A
AUG 31 68	60.0S	26.9W	272	41 B	59.6S	9.6W	273	48 A	59.1S	9.7E	274	52 A	58.3S	29.5E	275	53 A
SEP 1 68	57.4S	48.6E	276	51 B	56.2S	65.9E	278	48 B	55.0S	82.1E	277	47 B	53.9S	98.0E	275	49 B

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 130X

		00 GMT				06 GMT				12 GMT				18 GMT						
				MPS	R			MPS	R			MPS	R			MPS	R			
SEP 2 68	53.2S	114.7E	272	54	A	53.1S	132.9E	270	58	A	53.4S	152.3E	267	61	B	54.1S	172.5E	265	62	B
SEP 3 68	55.3S	167.0W	264	61	A	56.7S	146.6W	262	57	A	58.4S	126.9W	260	52	B	60.2S	108.5W	258	46	B
SEP 4 68	62.0S	91.8W	256	39	B	63.9S	77.5W	253	31	B	65.6S	65.4W	250	25	A	67.2S	55.4W	247	19	A
SEP 5 68	68.6S	47.4W	243	15	B	69.7S	41.2W	241	11	B	70.7S	36.2W	241	9	C	71.4S	31.8W	244	8	C
SEP 6 68	72.0S	27.4W	251	8	C	72.4S	22.4W	258	8	D	72.7S	17.1W	263	8	D	72.8S	11.5W	268	8	D
SEP 7 68	72.8S	6.1W	273	8	D	72.7S	1.1W	278	8	D	72.4S	3.8E	282	7	D	72.1S	8.4E	286	8	D
SEP 8 68	71.6S	13.0E	288	8	D	71.1S	17.7E	290	8	D	70.5S	22.4E	291	9	D	69.9S	27.1E	292	9	D
SEP 9 68	69.2S	31.9E	293	9	C	68.5S	36.6E	293	10	C	67.7S	41.3E	293	10	C	67.0S	46.0E	292	10	B
SEP 10 68	66.2S	50.8E	291	11	A	65.5S	55.7E	290	11	A	64.8S	60.7E	288	12	A	64.1S	65.8E	287	12	B
SEP 11 68	63.4S	70.9E	286	12	B	62.8S	76.1E	285	13	C	62.2S	81.3E	284	13	B	61.6S	86.5E	283	13	B
SEP 12 68	61.0S	91.8E	282	13	A	60.5S	97.0E	282	14	A	59.9S	102.3E	281	14	B	59.5S	107.5E	280	14	B
SEP 13 68	59.0S	112.7E	280	14	C	58.5S	117.9E	279	14	C	58.1S	123.1E	278	14	C	57.7S	128.2E	278	14	D
SEP 14 68	57.4S	133.4E	277	14	D	57.0S	138.6E	277	15	D	56.7S	143.7E	276	15	D	56.4S	148.9E	276	15	D
SEP 15 68	56.2S	154.1E	275	15	D	55.9S	159.2E	274	15	D	55.7S	164.4E	274	15	D	55.5S	169.6E	273	15	C
SEP 16 68	55.4S	174.8E	273	15	C	55.2S	180.0E	272	15	C	55.1S	174.8W	272	15	B	55.0S	169.6W	271	15	B
SEP 17 68	54.9S	164.4W	271	16	A	54.9S	159.1W	271	16	A	54.9S	153.9W	270	16	B	54.9S	148.6W	270	16	B
SEP 18 68	54.9S	143.3W	269	16	C	55.0S	138.0W	269	16	C	55.1S	132.7W	268	16	C	55.2S	127.4W	268	16	D
SEP 19 68	55.3S	122.1W	267	16	D	55.5S	116.8W	267	15	D	55.7S	111.5W	266	15	D	55.9S	106.2W	266	15	D
SEP 20 68	56.1S	100.9W	265	15	D	56.4S	95.7W	265	15	D	56.6S	90.5W	264	15	D	57.0S	85.3W	264	15	D
SEP 21 68	57.3S	80.1W	263	14	D	57.6S	74.9W	262	14	C	58.0S	69.8W	262	14	C	58.4S	64.8W	261	14	C
SEP 22 68	58.9S	59.7W	260	13	B	59.3S	54.8W	260	13	B	59.8S	49.8W	259	13	A	60.3S	44.9W	258	13	B
SEP 23 68	60.8S	40.0W	257	13	B	61.4S	35.1W	257	13	C	62.0S	30.1W	256	13	C	62.6S	24.9W	256	13	C
SEP 24 68	63.2S	19.5W	256	13	B	63.8S	13.9W	255	13	A	64.5S	8.1W	255	14	A	65.2S	2.0W	255	14	A
SEP 25 68	65.9S	4.3E	254	14	B	66.7S	10.6E	254	14	C	67.4S	17.0E	253	13	C	68.2S	23.0E	251	12	B
SEP 26 68	68.9S	28.7E	249	11	B	69.7S	33.7E	246	9	A	70.4S	38.3E	243	8	A	71.1S	42.4E	240	7	B
SEP 27 68	71.8S	46.1E	238	7	B	72.5S	49.7E	236	6	C	73.2S	53.0E	235	6	C	73.9S	56.2E	234	6	C
SEP 28 68	74.5S	59.3E	234	5	D	75.1S	62.5E	235	5	D	75.6S	65.5E	235	5	D	76.1S	68.6E	236	5	D
SEP 29 68	76.6S	71.6E	236	4	D	77.0S	74.5E	238	4	D	77.4S	77.3E	240	4	D	77.7S	80.2E	243	3	D
SEP 30 68	78.0S	83.0E	247	3	D	78.3S	85.8E	251	3	D	78.4S	88.7E	257	3	D	78.5S	91.6E	263	3	D
OCT 1 68	78.6S	94.5E	270	3	D	78.5S	97.5E	276	3	D	78.4S	100.5E	283	3	D	78.3S	103.6E	289	3	D
OCT 2 68	78.0S	106.8E	293	4	D	77.7S	110.1E	298	4	D	77.2S	113.5E	301	5	D	76.7S	117.0E	304	5	D
OCT 3 68	76.1S	120.6E	307	6	D	75.5S	124.2E	309	6	D	74.7S	128.0E	309	7	D	73.8S	132.1E	308	8	D
OCT 4 68	72.8S	136.5E	307	9	D	71.7S	141.4E	306	10	D	70.5S	146.4E	307	11	C	69.2S	151.3E	309	11	C
OCT 5 68	67.7S	155.7E	314	11	C	66.2S	159.7E	316	12	B	64.5S	164.0E	310	14	B	62.7S	169.9E	300	19	A
OCT 6 68	60.8S	178.4E	291	27	A	58.9S	169.8W	285	37	A	57.1S	155.4W	281	44	B	55.8S	139.6W	277	47	A
OCT 7 68	55.1S	123.5W	272	46	A	55.3S	108.2W	267	44	A	55.9S	93.6W	264	41	A	56.9S	79.7W	262	39	A
OCT 8 68	57.9S	66.3W	263	37	A	58.5S	53.2W	266	35	A	58.9S	40.3W	268	34	A	59.0S	27.5W	270	34	A
OCT 9 68	58.9S	14.7W	272	34	B	58.6S	1.9W	273	34	A	58.2S	11.0E	274	35	A	57.7S	23.7E	274	35	A
OCT 10 68	57.2S	36.4E	274	35	A	56.8S	48.8E	274	35	A	56.3S	61.0E	273	35	A	56.0S	73.1E	272	35	B
OCT 11 68	55.8S	85.2E	271	35	B	55.7S	97.2E	270	35	C	55.8S	109.0E	268	34	C	56.2S	120.3E	265	32	C
OCT 12 68	56.9S	131.0E	261	29	C	57.9S	140.9E	257	27	C	59.2S	150.5E	254	26	B	60.7S	160.1E	252	26	B
OCT 13 68	62.3S	170.5E	252	27	A	63.9S	178.1W	253	28	A	65.5S	165.8W	253	28	B	67.1S	152.8W	254	28	B
OCT 14 68	68.5S	139.5W	254	26	A	69.8S	126.1W	255	25	A	70.9S	112.8W	257	23	B	71.8S	99.7W	260	21	B
OCT 15 68	72.4S	86.9W	263	20	C	72.7S	74.5W	268	18	C	72.7S	62.8W	274	17	C	72.3S	51.9W	282	17	C

1041

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 130X  
00 GMT

				MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R						
OCT 16 68	71.4S	42.0W	291	16 B	70.0S	33.2W	300	17 A	68.1S	25.3W	306	18 A	65.9S	18.1W	310	19 B
OCT 17 68	63.4S	11.4W	311	20 B	60.8S	4.7W	309	22 A	58.3S	2.1E	302	22 A	56.3S	9.4E	290	23 A
OCT 18 68	55.2S	17.6E	275	26 A	55.4S	26.8E	263	29 A	56.4S	36.9E	257	31 A	58.0S	47.6E	253	31 A
OCT 19 68	59.8S	58.5E	252	30 B	61.5S	69.3E	253	28 B	62.8S	79.9E	256	25 C	63.8S	90.2E	261	23 C
OCT 20 68	64.2S	99.9E	269	21 C	64.0S	109.0E	277	20 C	63.4S	117.3E	282	19 B	62.6S	124.8E	283	17 A
OCT 21 68	62.0S	131.5E	279	15 A	61.7S	137.4E	273	13 A	61.7S	142.5E	267	12 B	61.9S	146.9E	262	10 A
OCT 22 68	62.2S	150.8E	260	9 A	62.5S	154.4E	260	9 A	62.8S	158.3E	260	11 B	63.2S	163.5E	261	14 A
OCT 23 68	63.7S	170.8E	261	20 A	64.4S	179.3W	261	25 A	65.1S	167.2W	262	28 B	65.8S	153.6W	264	30 A
OCT 24 68	66.3S	139.1W	266	30 A	66.5S	124.4W	269	30 B	66.4S	109.8W	272	30 B	66.0S	95.6W	276	29 B
OCT 25 68	65.3S	82.1W	279	29 B	64.3S	69.3W	281	28 A	63.2S	57.3W	283	28 A	61.9S	45.8W	284	28 A
OCT 26 68	60.6S	34.7W	283	28 A	59.5S	23.8W	281	29 A	58.6S	13.0W	277	29 A	58.1S	2.1W	272	30 A
OCT 27 68	58.3S	9.1E	265	31 A	59.2S	20.8E	259	32 A	60.6S	32.7E	255	31 A	62.3S	44.5E	252	29 A
OCT 28 68	64.0S	55.9E	251	27 A	65.5S	66.7E	252	24 A	66.8S	77.1E	255	21 A	67.7S	87.1E	259	20 B
OCT 29 68	68.2S	97.0E	265	19 B	68.4S	106.9E	271	19 C	68.2S	117.0E	275	20 C	67.7S	127.3E	278	21 C
OCT 30 68	67.1S	138.0E	279	22 C	66.4S	149.2E	279	24 B	65.7S	161.2E	278	26 B	65.0S	174.0E	276	29 A
OCT 31 68	64.4S	172.1W	275	32 A	64.0S	157.1W	273	35 B	63.5S	141.7W	274	35 B	63.0S	126.6W	275	34 C
NOV 1 68	62.3S	112.8W	279	32 B	61.1S	100.7W	283	28 B	59.7S	90.5W	289	25 A	58.0S	82.1W	294	23 A
NOV 2 68	56.1S	75.3W	301	20 A	54.0S	70.0W	306	18 B	52.1S	65.4W	303	17 A	50.5S	60.6W	291	18 A
NOV 3 68	49.6S	54.6W	277	23 A	49.5S	46.8W	267	29 A	50.1S	37.8W	261	32 A	51.3S	28.1W	257	32 A
NOV 4 68	52.8S	18.7W	253	30 B	54.5S	9.9W	251	27 B	56.2S	1.2W	252	27 C	57.7S	8.1E	256	28 B
NOV 5 68	58.8S	18.9E	262	32 B	59.3S	31.6E	268	35 A	59.3S	45.2E	272	35 A	58.9S	58.2E	275	32 B
NOV 6 68	58.2S	69.1E	279	26 A	57.3S	76.9E	285	19 A	56.3S	82.7E	290	16 A	55.2S	87.7E	290	16 B
NOV 7 68	54.2S	93.5E	285	20 B	53.2S	101.0E	280	26 C	52.3S	109.9E	279	30 B	51.5S	119.4E	278	31 B
NOV 8 68	50.6S	128.8E	279	30 A	49.8S	137.5E	279	28 A	49.0S	145.2E	279	24 B	48.3S	151.4E	278	19 A
NOV 9 68	48.0S	155.9E	273	12 A	48.1S	158.6E	258	7 A	48.6S	160.1E	224	5 B	49.5S	160.9E	203	6 B
NOV 10 68	50.7S	161.7E	205	8 A	52.3S	163.3E	220	11 A	53.7S	166.3E	246	13 B	54.2S	171.4E	272	20 A
NOV 11 68	53.2S	179.5E	288	32 A	50.5S	169.2W	293	45 A	46.8S	155.9W	292	52 B	43.2S	142.2W	288	52 A
NOV 12 68	41.0S	129.9W	279	44 A	40.8S	120.1W	264	34 A	42.1S	112.3W	250	29 A	44.3S	105.5W	245	27 A
NOV 13 68	46.3S	98.8W	251	26 A	47.6S	91.4W	260	27 B	48.3S	83.4W	266	28 A	48.5S	75.1W	268	28 A
NOV 14 68	48.7S	66.8W	267	28 A	49.0S	58.8W	266	26 B	49.4S	51.2W	265	24 A	49.8S	44.2W	266	22 A
NOV 15 68	50.0S	38.0W	269	19 A	50.0S	32.5W	271	17 A	49.9S	27.4W	271	17 A	49.9S	22.2W	267	18 A
NOV 16 68	50.2S	16.6W	262	20 B	51.0S	10.3W	258	22 B	52.0S	3.4W	257	23 C	52.9S	3.7E	259	22 B
NOV 17 68	53.6S	10.7E	263	21 A	53.9S	17.3E	269	20 A	53.8S	23.7E	273	20 A	53.6S	30.4E	273	21 A
NOV 18 68	53.5S	37.7E	270	23 A	53.6S	45.7E	267	26 A	54.0S	54.4E	265	27 A	54.6S	63.5E	263	27 B
NOV 19 68	55.3S	72.6E	262	27 B	56.0S	81.5E	261	25 A	56.7S	90.0E	262	24 A	57.3S	97.9E	263	21 B
NOV 20 68	57.7S	105.1E	266	19 B	57.7S	111.4E	271	16 C	57.6S	116.9E	276	14 C	57.2S	121.7E	281	13 C
NOV 21 68	56.6S	126.0E	286	12 D	55.9S	129.8E	290	11 D	55.2S	133.3E	293	10 D	54.3S	136.4E	297	10 D
NOV 22 68	53.4S	139.2E	300	10 D	52.4S	141.8E	303	9 D	51.4S	144.2E	304	9 C	50.4S	146.6E	304	9 C
NOV 23 68	49.4S	148.9E	303	9 C	48.4S	151.2E	301	10 C	47.5S	153.7E	297	10 C	46.7S	156.3E	293	10 C
NOV 24 68	46.0S	159.1E	288	11 C	45.4S	162.2E	283	12 B	44.9S	165.7E	278	14 B	44.6S	169.6E	274	15 A
NOV 25 68	44.5S	174.1E	271	18 A	44.5S	179.2E	269	20 A	44.7S	175.1W	267	22 B	44.9S	168.9W	267	23 A
NOV 26 68	45.1S	162.4W	268	24 A	45.3S	155.8W	266	23 A	45.8S	150.2W	259	18 B	46.7S	146.6W	229	10 A
NOV 27 68	48.4S	146.4W	152	13 A	50.9S	149.9W	132	22 A	53.8S	155.4W	130	22 A	56.3S	160.4W	135	15 A
NOV 28 68	57.7S	162.2W	203	4 A	57.6S	159.1W	286	16 B	56.2S	151.9W	290	27 B	54.1S	141.8W	289	35 C

RELIABILITY INDEX,R. RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 130X  
00 GMT

					MPS R	06 GMT					MPS R	12 GMT					MPS R	18 GMT					MPS R
NOV 29 68	51.9S	130.3W	286	39 B		50.1S	118.8W	283	38 B	48.7S	107.8W	279	36 A	48.0S	97.9W	273	31 A						
NOV 30 68	48.1S	89.8W	264	25 A		48.9S	83.7W	253	19 A	50.1S	78.8W	248	16 A	51.1S	74.1W	257	16 A						
DEC 1 68	51.3S	68.7W	274	20 A		50.6S	61.7W	284	25 A	49.2S	53.9W	285	28 A	47.9S	46.0W	282	27 A						
DEC 2 68	47.3S	39.0W	270	22 A		47.9S	33.4W	251	18 B	49.5S	28.6W	239	19 A	51.5S	23.4W	238	21 A						
DEC 3 68	53.7S	16.9W	246	25 B		55.5S	8.2W	254	30 A	56.9S	2.7E	260	34 A	57.7S	15.6E	266	38 A						
DEC 4 68	57.8S	30.2E	271	42 A		57.3S	46.2E	275	46 A	56.5S	62.7E	276	46 A	55.5S	78.4E	276	44 B						
DEC 5 68	54.8S	92.2E	274	37 B		54.6S	103.4E	269	29 B	54.9S	112.0E	265	22 B	55.3S	118.7E	262	17 A						
DEC 6 68	55.8S	123.7E	261	13 A		56.1S	127.6E	265	10 B	56.0S	130.4E	280	6 B	55.6S	132.0E	319	5 A						
DEC 7 68	54.6S	132.5E	2	7 A		53.0S	132.0E	16	9 A	51.2S	131.1E	15	9 B	49.7S	130.8E	354	7 B						
DEC 8 68	48.8S	131.8E	284	7 A		49.0S	134.7E	256	13 A	50.0S	139.1E	249	17 B	51.2S	144.2E	248	18 A						
DEC 9 68	52.5S	149.2E	250	16 A		53.3S	153.5E	255	13 A	53.8S	157.1E	259	10 B	54.1S	159.8E	260	7 A						
DEC 10 68	54.3S	161.7E	253	5 A		54.6S	163.0E	240	4 A	55.1S	164.2E	238	5 B	55.6S	165.9E	244	7 A						
DEC 11 68	56.3S	169.0E	251	12 A		57.1S	173.7E	254	16 A	57.9S	179.3E	256	16 B	58.6S	175.4W	259	13 A						
DEC 12 68	58.8S	171.3W	267	8 A		58.7S	169.3W	301	4 A	58.2S	168.7W	354	3 B	57.5S	168.7W	357	4 A						
DEC 13 68	56.7S	168.3W	326	5 A		56.0S	166.8W	301	7 A	55.3S	164.4W	293	8 B	54.7S	161.6W	289	9 A						
DEC 14 68	54.2S	159.0W	290	8 A		53.7S	156.9W	291	6 A	53.3S	155.2W	287	5 B	53.2S	153.9W	273	4 A						
DEC 15 68	53.3S	152.8W	247	4 A		53.7S	151.7W	236	5 A	54.2S	150.1W	247	7 B	54.6S	147.4W	262	10 A						
DEC 16 68	54.7S	143.2W	274	15 A		54.2S	137.2W	280	21 A	53.4S	130.1W	282	23 B	52.5S	123.1W	282	21 A						
DEC 17 68	51.8S	117.4W	279	15 A		51.6S	113.6W	273	10 A	51.6S	111.0W	267	8 A	51.7S	108.3W	266	10 A						
DEC 18 68	51.8S	104.3W	270	16 A		51.7S	98.2W	272	23 B	51.5S	90.4W	272	27 A	51.5S	81.7W	270	28 A						
DEC 19 68	51.6S	72.9W	267	27 A		52.1S	64.7W	264	25 B	52.5S	57.1W	265	23 A	52.8S	49.8W	270	22 A						
DEC 20 68	52.4S	42.8W	281	22 A		51.2S	35.9W	288	23 A	49.7S	29.1W	288	24 A	48.5S	22.2W	282	24 A						
DEC 21 68	48.1S	15.4W	268	24 B		48.9S	8.5W	253	25 A	50.7S	1.5W	245	26 A	53.0S	5.8E	241	26 B						
DEC 22 68	55.5S	13.4E	242	26 A		57.8S	21.6E	245	25 A	59.7S	30.1E	249	24 A	61.2S	39.1E	253	24 A						
DEC 23 68	62.4S	48.4E	257	23 B		63.2S	58.1E	263	23 C	63.5S	68.3E	269	24 C	63.4S	79.2E	274	26 C						
DEC 24 68	62.7S	90.9E	279	29 C		61.6S	103.5E	283	32 C	59.9S	115.9E	287	32 B	57.9S	126.8E	294	29 A						
DEC 25 68	55.5S	134.8E	307	22 A		52.8S	139.1E	327	16 A	50.4S	141.0E	339	12 B	48.7S	142.3E	319	8 A						
DEC 26 68	48.2S	144.7E	263	12 A		49.2S	149.5E	246	21 A	51.1S	155.4E	241	22 B	53.1S	160.6E	237	16 A						
DEC 27 68	54.2S	163.4E	232	4 A		53.9S	162.5E	59	9 A	52.7S	159.2E	59	15 B	51.3S	155.1E	62	14 A						
DEC 28 68	50.4S	152.1E	74	7 A		50.6S	151.4E	208	4 A	51.7S	153.0E	229	11 B	53.2S	156.3E	235	14 B						
DEC 29 68	54.8S	160.5E	241	16 C		56.0S	165.2E	248	14 B	56.8S	169.4E	256	11 B	57.0S	172.3E	278	5 A						
DEC 30 68	56.5S	173.0E	24	5 A		55.2S	171.0E	49	12 B	53.5S	167.3E	53	16 B	51.7S	163.2E	52	15 A						
DEC 31 68	50.1S	160.3E	42	9 A		49.0S	159.5E	351	4 A	48.4S	160.5E	295	6 B	48.0S	162.4E	281	7 A						
JAN 1 69	47.8S	164.5E	279	7 A		47.6S	166.2E	282	5 A	47.4S	167.5E	285	4 B	47.1S	168.6E	286	4 A						
JAN 2 69	46.9S	169.8E	285	4 A		46.7S	171.1E	277	6 A	46.7S	173.1E	266	9 B	47.0S	176.1E	259	13 A						
JAN 3 69	47.8S	179.3W	254	20 A		49.0S	173.2W	251	23 A	50.6S	166.7W	248	21 B	52.0S	161.6W	243	14 A						
JAN 4 69	53.0S	159.3W	195	3 A		53.3S	160.9W	89	10 B	53.0S	165.0W	80	15 B	52.4S	169.6W	75	13 A						
JAN 5 69	51.7S	172.6W	57	6 A		51.2S	172.5W	295	6 A	50.8S	169.8W	278	13 B	50.5S	165.2W	274	17 A						
JAN 6 69	50.3S	159.8W	272	18 A		50.2S	154.3W	271	18 B	50.2S	148.9W	270	18 B	50.3S	143.5W	269	18 C						
JAN 7 69	50.3S	138.2W	268	17 C		50.4S	133.0W	268	17 C	50.6S	127.9W	268	16 D	50.7S	123.1W	268	15 D						
JAN 8 69	50.8S	118.6W	268	14 D		50.8S	114.4W	269	13 D	50.9S	110.6W	270	11 C	50.8S	107.4W	273	10 C						
JAN 9 69	50.7S	104.7W	277	8 C		50.4S	102.5W	285	6 B	50.1S	101.0W	299	4 B	49.6S	100.2W	331	3 A						
JAN 10 69	49.0S	100.2W	18	3 A		48.4S	100.8W	41	4 B	47.8S	101.7W	52	4 A	47.5S	102.5W	68	2 A						
JAN 11 69	47.6S	102.6W	211	2 A		48.2S	101.7W	229	7 B	49.2S	99.6W	239	11 A	50.4S	96.0W	248	15 A						

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 130X  
00 GMT

		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
JAN 12 69	51.4S 90.9W	256	20 A	52.2S 84.2W	263	23 A	52.6S 76.5W	268	25 A	52.5S 68.6W	273	24 A			
JAN 13 69	52.1S 61.2W	279	22 A	51.2S 54.9W	286	19 B	50.1S 49.6W	290	17 A	49.0S 45.1W	291	15 A			
JAN 14 69	48.1S 41.1W	286	13 A	47.7S 37.6W	278	12 A	47.5S 34.2W	271	12 A	47.5S 30.7W	267	12 A			
JAN 15 69	47.7S 26.9W	267	14 A	47.8S 22.7W	267	15 A	48.0S 18.1W	266	17 A	48.4S 13.0W	263	18 B			
JAN 16 69	48.9S 7.4W	260	20 B	49.6S 1.5W	259	21 A	50.5S 5.0E	259	23 A	51.2S 12.1E	263	24 A			
JAN 17 69	51.6S 20.1E	267	27 B	51.6S 28.8E	272	29 A	51.3S 38.2E	274	31 A	50.8S 47.7E	276	31 A			
JAN 18 69	50.1S 57.0E	276	30 B	49.5S 65.9E	276	29 A	48.9S 74.2E	276	28 A	48.3S 82.1E	276	26 B			
JAN 19 69	47.8S 89.6E	276	25 B	47.2S 96.7E	276	25 C	46.9S 103.6E	274	24 B	46.6S 110.6E	271	25 B			
JAN 20 69	46.7S 117.8E	267	26 A	47.1S 125.4E	265	27 A	47.5S 133.0E	266	26 B	47.7S 140.2E	270	24 A			
JAN 21 69	47.4S 146.7E	279	21 A	46.4S 152.1E	289	19 A	45.1S 156.7E	295	17 B	43.8S 160.9E	292	16 A			
JAN 22 69	42.9S 164.9E	282	16 A	42.6S 169.0E	268	16 A	43.0S 173.5E	260	18 B	43.8S 178.4E	256	20 A			
JAN 23 69	44.8S 176.2W	255	22 A	46.0S 170.1W	255	23 A	47.1S 163.7W	256	24 B	48.2S 157.2W	257	23 A			
JAN 24 69	49.2S 150.8W	258	21 A	50.0S 144.7W	260	20 A	50.5S 139.0W	263	18 B	50.8S 133.6W	268	17 B			
JAN 25 69	50.8S 128.4W	273	17 C	50.4S 123.4W	279	16 C	49.9S 118.6W	281	16 C	49.3S 113.8W	281	16 C			
JAN 26 69	48.7S 108.9W	278	17 B	48.4S 104.0W	274	18 B	48.3S 98.5W	268	20 A	48.7S 92.1W	262	24 A			
JAN 27 69	49.6S 84.2W	258	30 A	51.0S 74.7W	256	34 A	52.5S 63.9W	258	36 A	53.7S 52.4W	264	36 A			
JAN 28 69	53.9S 40.8W	273	35 A	52.9S 29.6W	282	35 B	51.3S 18.9W	285	35 A	49.8S 8.6W	281	34 A			
JAN 29 69	49.1S 1.2E	270	32 A	49.7S 10.5E	259	31 A	51.1S 19.8E	256	32 A	52.4S 29.6E	261	32 A			
JAN 30 69	52.9S 40.3E	272	35 A	51.9S 52.1E	281	39 A	50.2S 64.3E	283	40 A	48.8S 75.8E	278	37 B			
JAN 31 69	48.6S 85.5E	263	29 A	50.2S 93.0E	241	25 A	52.9S 99.0E	230	23 A	55.7S 104.9E	235	22 B			
FEB 1 69	57.5S 112.1E	257	23 A	57.6S 121.2E	278	28 A	56.3S 131.5E	288	31 A	54.1S 141.5E	293	31 A			
FEB 2 69	51.8S 149.8E	297	25 A	49.8S 155.4E	302	17 A	48.2S 159.0E	306	13 B	46.8S 161.7E	303	11 B			
FEB 3 69	45.8S 164.8E	292	14 A	44.9S 168.9E	283	18 A	44.3S 174.0E	277	20 B	44.0S 179.7E	271	22 A			
FEB 4 69	44.2S 174.4W	265	22 A	44.7S 168.7W	260	20 A	45.4S 163.4W	261	18 B	45.7S 158.8W	270	15 A			
FEB 5 69	45.2S 155.0W	294	13 A	43.7S 152.2W	315	13 A	41.8S 149.8W	316	13 A	40.4S 147.4W	296	11 A			
FEB 6 69	40.2S 144.5W	255	14 A	41.8S 140.6W	234	20 A	44.5S 136.2W	227	22 A	47.5S 131.9W	224	20 A			
FEB 7 69	49.9S 128.4W	228	13 A	50.9S 126.0W	248	6 A	51.0S 124.6W	298	4 A	50.4S 123.7W	326	4 A			
FEB 8 69	49.7S 123.0W	317	4 A	49.3S 122.0W	293	4 B	49.1S 120.9W	276	4 A	49.1S 119.8W	265	3 A			
FEB 9 69	49.2S 118.9W	260	3 A	49.3S 118.3W	247	2 B	49.4S 118.1W	181	1 A	49.7S 118.3W	139	2 A			
FEB 10 69	50.2S 119.1W	131	5 A	50.9S 120.3W	131	6 A	51.6S 121.5W	138	4 A	52.1S 121.9W	192	2 A			
FEB 11 69	52.1S 121.0W	282	6 A	51.6S 118.3W	290	12 B	50.6S 114.2W	290	16 A	49.5S 109.2W	288	18 A			
FEB 12 69	48.5S 104.0W	285	18 A	47.7S 98.9W	281	18 B	47.2S 93.9W	277	18 A	46.9S 88.5W	274	20 A			
FEB 13 69	46.7S 82.5W	272	23 A	46.5S 75.8W	272	25 A	46.3S 68.4W	272	27 A	46.1S 60.7W	273	27 A			
FEB 14 69	45.7S 53.2W	276	27 A	45.1S 45.9W	277	26 A	44.5S 38.9W	275	26 A	44.3S 31.8W	270	26 A			
FEB 15 69	44.6S 24.5W	263	27 A	45.7S 17.0W	257	28 A	47.0S 9.4W	255	27 A	48.1S 2.3W	259	24 A			
FEB 16 69	48.5S 3.9E	272	19 B	47.9S 9.2E	286	18 A	46.8S 14.6E	284	22 A	46.1S 21.6E	273	30 A			
FEB 17 69	46.5S 31.7E	262	43 A	48.5S 45.6E	256	54 A	51.3S 61.6E	255	54 A	53.8S 77.5E	258	46 A			
FEB 18 69	54.8S 90.7E	271	33 A	53.7S 99.6E	296	24 A	51.1S 105.3E	314	21 B	48.4S 109.5E	312	19 B			
FEB 19 69	46.6S 114.0E	283	19 A	46.7S 120.0E	260	24 A	47.9S 127.3E	255	28 B	49.2S 135.3E	260	27 A			
FEB 20 69	49.4S 143.1E	277	26 A	47.9S 150.3E	297	26 A	45.2S 156.6E	306	26 B	42.2S 161.8E	309	23 A			
FEB 21 69	39.9S 165.8E	302	16 A	38.9S 168.7E	284	10 A	38.8S 170.9E	268	8 B	38.8S 172.9E	275	9 A			
FEB 22 69	38.2S 175.5E	294	13 A	36.6S 179.0E	303	19 A	34.3S 176.8W	303	23 B	32.0S 172.1W	299	24 A			
FEB 23 69	30.0S 167.4W	290	22 A	29.1S 162.9W	277	20 A	29.1S 158.5W	263	20 B	30.0S 154.0W	251	21 C			
FEB 24 69	31.7S 149.5W	242	23 C	34.1S 144.7W	237	24 B	36.7S 140.2W	233	22 A	39.0S 136.5W	231	16 A			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 130X  
00 GMT

	MPS R				06 GMT				MPS R				12 GMT				MPS R				18 GMT				MPS R			
FEB 25 69	40.5S	134.1W	232	7 A	40.7S	133.5W	27	2 A	39.8S	134.5W	40	10 A	37.7S	136.8W	41	18 A												
FEB 26 69	34.6S	140.1W	40	24 A	30.7S	144.1W	40	28 A	26.4S	148.2W	42	28 B	22.6S	152.1W	44	24 A												
FEB 27 69	19.8S	155.2W	49	16 A	18.5S	157.2W	69	9 A	18.5S	158.7W	116	8 B	19.7S	160.2W	133	12 A												
FEB 28 69	21.6S	162.5W	130	18 A	24.1S	166.0W	126	23 B	26.9S	170.4W	125	25 B	29.7S	174.9W	125	24 B												
FEB 29 69	32.2S	179.0W	127	20 A	34.3S	177.9E	132	14 A	35.6S	176.4E	158	5 B	36.0S	177.2E	277	9 B												

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 151R  
00 GMT

		MPS R			06 GMT			MPS R			12 GMT			MPS R			18 GMT			MPS R		
JUN 29 68	48.6S	161.9W	250	29	A	50.6S	153.9W	256	28	A	51.4S	145.2W	266	29	B	51.5S	136.0W	273	30	A		
JUN 30 68	50.9S	126.4W	277	32	A	50.0S	116.5W	279	33	B	48.9S	106.4W	279	35	B	48.0S	96.3W	277	35	A		
JUL 1 68	47.3S	86.1W	273	35	A	47.2S	76.1W	269	34	B	47.6S	66.5W	265	33	A	48.2S	57.3W	262	31	A		
JUL 2 68	49.2S	48.9W	259	27	B	50.2S	41.3W	257	24	B	51.2S	34.6W	258	21	A	51.9S	28.6W	262	18	A		
JUL 3 68	52.1S	23.3W	272	16	B	51.6S	18.6W	284	15	B	50.7S	14.3W	293	15	C	49.4S	10.2W	297	16	C		
JUL 4 68	48.0S	6.0W	298	17	C	46.5S	1.6W	294	18	C	45.2S	3.4E	288	20	C	44.1S	9.1E	282	24	B		
JUL 5 68	43.4S	16.1E	275	28	B	43.2S	24.3E	270	33	A	43.4S	33.7E	266	37	A	44.0S	44.0E	264	39	A		
JUL 6 68	45.0S	54.9E	262	41	B	46.2S	66.0E	261	41	A	47.5S	77.3E	260	40	A	48.9S	88.6E	259	39	B		
JUL 7 68	50.2S	99.7E	259	37	B	51.5S	110.5E	260	35	C	52.6S	121.1E	261	33	B	53.6S	131.6E	262	33	B		
JUL 8 68	54.4S	142.2E	263	32	A	55.2S	153.0E	264	32	A	55.7S	164.1E	267	32	B	55.8S	175.4E	271	33	A		
JUL 9 68	55.5S	173.0W	275	34	A	54.6S	161.2W	280	36	A	53.2S	149.5W	283	36	B	51.5S	138.6W	286	35	A		
JUL 10 68	49.5S	128.9W	289	32	A	47.5S	120.7W	292	28	B	45.6S	113.8W	290	25	B	44.2S	107.5W	284	23	C		
JUL 11 68	43.6S	101.4W	272	23	B	43.9S	95.0W	261	25	B	44.9S	87.9W	256	28	A	46.4S	79.9W	255	32	A		
JUL 12 68	48.0S	70.6W	257	35	A	49.4S	60.0W	260	38	B	50.4S	48.9W	264	36	A	50.9S	38.7W	269	31	A		
JUL 13 68	50.6S	30.3W	279	23	B	49.5S	24.5W	294	18	B	47.9S	19.5W	295	20	A	46.2S	13.1W	286	29	A		
JUL 14 68	45.0S	2.9W	276	47	B	44.4S	12.6E	271	66	A	44.5S	32.4E	269	79	A	45.0S	54.9E	268	84	A		
JUL 15 68	45.7S	78.1E	268	83	A	46.3S	100.7E	267	77	A	47.1S	121.2E	266	67	B	48.0S	138.6E	264	54	B		
JUL 16 68	49.2S	151.8E	258	37	C	50.8S	160.0E	245	22	C	52.7S	164.3E	222	13	C	54.5S	166.1E	197	10	C		
JUL 17 68	56.2S	166.6E	189	8	C	57.5S	167.3E	207	6	C	58.3S	168.8E	246	7	B	58.5S	172.0E	274	11	A		
JUL 18 68	58.0S	177.5E	284	19	A	56.7S	174.4W	288	27	A	55.0S	164.9W	289	30	B	53.1S	155.4W	289	29	A		
JUL 19 68	51.4S	147.5W	289	23	A	50.2S	142.2W	290	14	B	49.5S	138.9W	288	10	B	49.0S	136.4W	280	9	A		
JUL 20 68	48.8S	133.5W	273	12	A	48.8S	129.4W	270	16	B	48.9S	124.2W	266	19	B	49.3S	118.1W	261	22	A		
JUL 21 68	50.2S	111.4W	256	23	A	51.5S	104.5W	251	24	B	53.2S	97.4W	249	24	B	54.8S	90.1W	249	23	C		
JUL 22 68	56.3S	82.8W	252	22	B	57.4S	75.4W	258	21	B	57.9S	68.2W	269	19	A	57.5S	61.2W	284	19	A		
JUL 23 68	56.1S	54.8W	301	21	B	53.5S	49.0W	313	23	B	50.1S	43.7W	318	25	A	46.6S	39.0W	318	24	A		
JUL 24 68	43.5S	34.7W	312	21	B	41.3S	30.7W	302	18	B	39.7S	26.8W	293	17	A	38.7S	22.9W	287	17	A		
JUL 25 68	37.7S	18.7W	285	19	B	36.7S	14.0W	284	21	B	35.9S	8.6W	279	24	C	35.3S	2.6W	273	27	B		
JUL 26 68	35.4S	4.2E	266	31	B	36.2S	12.0E	260	34	A	37.5S	20.3E	258	36	A	38.9S	29.0E	259	36	A		
JUL 27 68	40.0S	37.7E	263	34	B	40.4S	46.3E	268	33	A	40.4S	54.9E	272	34	A	40.0S	63.9E	274	37	B		
JUL 28 68	39.4S	73.5E	275	40	B	38.8S	84.2E	273	44	A	38.5S	95.6E	270	47	A	38.8S	107.7E	266	49	B		
JUL 29 68	40.0S	120.0E	260	50	A	42.2S	132.5E	254	49	A	45.1S	144.9E	251	47	B	48.0S	157.0E	251	43	B		
JUL 30 68	50.3S	168.6E	256	38	A	51.6S	179.6E	263	34	A	51.8S	170.2W	272	32	B	51.2S	160.6W	280	30	A		
JUL 31 68	49.7S	151.7W	288	30	A	47.7S	143.4W	292	30	A	45.5S	135.6W	292	30	B	43.4S	128.0W	288	30	A		
AUG 1 68	42.1S	120.5W	279	29	A	41.7S	112.7W	269	31	B	42.3S	104.2W	262	35	B	43.5S	94.6W	259	40	A		
AUG 2 68	45.2S	83.1W	258	46	A	47.1S	69.7W	259	51	B	49.0S	55.1W	259	51	A	51.0S	40.1W	259	49	A		
AUG 3 68	52.7S	26.0W	259	43	B	54.1S	13.3W	260	37	B	55.1S	1.7W	263	33	C	55.6S	9.5E	268	32	B		
AUG 4 68	55.6S	20.8E	273	34	B	54.9S	32.8E	277	37	A	53.8S	45.5E	280	40	A	52.4S	58.5E	281	42	B		
AUG 5 68	50.8S	71.7E	281	44	B	49.3S	84.9E	280	45	C	48.0S	98.0E	277	46	B	47.3S	111.3E	273	47	B		
AUG 6 68	47.3S	124.9E	267	48	A	48.1S	138.9E	262	48	A	49.7S	152.7E	258	47	B	51.7S	166.1E	255	43	B		
AUG 7 68	53.8S	178.5E	254	37	A	55.7S	170.3W	253	32	A	57.3S	160.0W	256	29	B	58.3S	150.2W	262	27	B		
AUG 8 68	58.6S	140.3W	272	27	A	58.0S	130.0W	280	29	B	56.8S	119.3W	284	32	B	55.0S	108.3W	286	34	C		
AUG 9 68	53.1S	97.1W	286	36	C	51.2S	85.9W	285	38	C	49.4S	74.6W	283	39	C	47.9S	63.4W	280	39	C		
AUG 10 68	46.9S	52.2W	276	39	C	46.3S	41.1W	272	39	C	46.2S	30.0W	270	40	C	46.3S	18.8W	268	40	C		
AUG 11 68	46.7S	7.3W	267	41	C	47.0S	4.5E	267	42	C	47.4S	16.6E	267	42	C	47.8S	28.9E	268	43	B		

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 151R  
00 GMT

				MPS R	06 GMT				MPS R	12 GMT				MPS R	18 GMT				MPS R
AUG 12 68	48.1S	41.2E	268	43 B	48.4S	53.6E	268	42 A	48.7S	65.9E	268	42 A	48.9S	78.2E	268	41 B			
AUG 13 68	49.2S	90.3E	268	41 B	49.6S	102.3E	266	40 C	50.2S	114.0E	264	38 B	51.1S	125.3E	261	36 B			
AUG 14 68	52.5S	136.2E	256	34 A	54.3S	146.6E	252	33 A	56.2S	157.3E	253	33 B	58.0S	169.1E	257	35 A			
AUG 15 68	59.2S	177.2W	264	40 A	59.5S	160.8W	270	45 A	59.2S	142.7W	274	49 B	58.4S	123.7W	275	52 A			
AUG 16 68	57.4S	105.0W	275	51 A	56.5S	87.3W	275	49 B	55.7S	70.8W	275	46 B	55.0S	55.3W	275	45 C			
AUG 17 68	54.2S	40.7W	275	43 C	53.5S	27.0W	275	41 C	52.9S	14.4W	274	37 C	52.6S	3.0W	272	33 C			
AUG 18 68	52.6S	6.7E	268	28 B	52.9S	14.8E	264	23 B	53.4S	22.0E	266	22 A	53.5S	29.3E	273	24 A			
AUG 19 68	52.8S	37.7E	282	29 B	51.1S	47.8E	287	37 A	48.7S	59.5E	288	44 A	46.1S	72.3E	285	49 B			
AUG 20 68	43.8S	85.6E	282	51 A	42.2S	99.2E	277	51 A	41.3S	112.2E	273	49 B	41.2S	124.2E	268	44 A			
AUG 21 68	41.8S	134.5E	262	36 A	43.0S	142.8E	255	29 A	44.7S	149.6E	249	25 B	46.4S	155.9E	248	24 B			
AUG 22 68	48.1S	162.4E	252	25 A	49.3S	169.9E	258	27 A	50.2S	177.9E	264	27 B	50.5S	174.1W	269	26 A			
AUG 23 68	50.3S	166.5W	276	24 A	49.5S	159.6W	282	23 A	48.6S	152.6W	281	26 B	47.7S	144.5W	276	32 A			
AUG 24 68	47.3S	134.1W	270	41 A	47.6S	120.8W	266	50 B	48.5S	105.5W	264	55 B	49.6S	89.2W	264	55 C			
AUG 25 68	50.7S	73.2W	264	50 B	51.6S	58.5W	265	45 B	52.1S	45.2W	268	40 A	52.1S	33.0W	272	37 A			
AUG 26 68	51.7S	22.0W	277	34 B	50.6S	11.8W	281	33 B	49.3S	2.2W	283	33 A	47.8S	7.2E	282	33 A			
AUG 27 68	46.6S	16.8E	279	35 B	45.8S	26.8E	274	36 A	45.5S	36.9E	271	37 A	45.7S	46.9E	266	35 B			
AUG 28 68	46.4S	56.4E	262	33 B	47.5S	65.2E	257	31 C	49.0S	74.1E	256	33 B	50.5S	84.3E	258	37 B			
AUG 29 68	51.9S	96.8E	262	45 A	53.0S	112.2E	264	52 A	53.9S	129.4E	265	53 B	54.8S	146.7E	264	50 A			
AUG 30 68	55.8S	162.5E	262	42 A	57.1S	175.6E	259	34 A	58.1S	173.5W	262	28 B	58.4S	164.0W	272	25 A			
AUG 31 68	57.5S	154.9W	288	27 A	55.1S	145.7W	300	31 B	51.6S	136.9W	307	33 B	47.4S	129.4W	314	32 A			
SEP 1 68	43.2S	124.1W	325	25 A	39.5S	121.7W	343	18 A	36.5S	121.1W	359	13 B	34.5S	121.2W	1	7 C			
SEP 2 68	33.8S	120.7W	271	5 C	34.4S	113.7W	245	14 B	35.8S	114.8W	248	21 B	37.2S	109.1W	257	28 A			
SEP 3 68	37.9S	101.6W	269	35 A	37.3S	92.3W	279	41 B	35.6S	82.0W	284	45 A	33.3S	71.7W	287	45 A			
SEP 4 68	30.8S	62.4W	289	40 A	28.5S	54.6W	288	34 B	26.9S	47.5W	280	33 A	26.4S	40.2W	268	36 A			
SEP 5 68	27.4S	31.4W	257	46 A	30.3S	20.3W	251	56 B	34.4S	7.8W	248	59 C	38.6S	5.0E	247	55 B			
SEP 6 68	42.3S	17.0E	250	46 B	44.5S	27.5E	257	37 A	45.5S	37.0E	266	33 A	45.5S	46.2E	274	34 B			
SEP 7 68	44.8S	56.1E	278	39 B	43.5S	67.2E	279	45 A	42.1S	79.8E	278	51 A	40.7S	93.6E	277	57 B			
SEP 8 68	39.6S	108.6E	274	62 B	39.1S	124.5E	271	64 B	39.1S	140.4E	269	62 B	39.6S	155.4E	267	56 A			
SEP 9 68	40.3S	168.3E	264	46 A	41.3S	178.5E	261	35 A	42.5S	173.3W	258	29 B	43.6S	166.0W	259	27 A			
SEP 10 68	44.5S	158.6W	262	29 A	45.2S	150.3W	265	32 A	45.7S	141.0W	266	35 B	46.2S	130.8W	265	38 A			
SEP 11 68	47.0S	119.8W	263	40 A	48.0S	108.3W	262	41 B	49.2S	96.1W	262	43 B	50.2S	82.9W	265	45 C			
SEP 12 68	50.7S	68.7W	269	48 B	50.7S	53.4W	271	52 B	50.3S	36.8W	272	56 A	50.1S	19.1W	270	61 A			
SEP 13 68	50.3S	.1W	267	64 B	51.4S	20.0E	264	66 A	52.9S	40.5E	262	64 A	54.5S	60.8E	263	60 A			
SEP 14 68	55.8S	80.1E	265	54 B	56.4S	97.7E	268	48 C	56.4S	114.0E	271	45 C	56.1S	129.2E	273	43 C			
SEP 15 68	55.5S	143.6E	274	42 C	54.8S	157.7E	275	41 B	54.2S	171.6E	275	42 B	53.6S	174.7W	274	42 A			
SEP 16 68	53.0S	161.1W	274	42 A	52.5S	147.4W	273	43 B	52.1S	133.7W	272	43 B	51.9S	119.9W	272	44 C			
SEP 17 68	51.7S	106.0W	271	44 C	51.6S	92.1W	270	45 C	51.5S	78.0W	270	45 D	51.6S	63.9W	270	45 D			
SEP 18 68	51.7S	49.7W	269	46 C	51.8S	35.4W	269	46 C	52.0S	21.0W	269	46 C	52.2S	6.5W	269	46 B			
SEP 19 68	52.4S	8.0E	269	46 B	52.6S	22.7E	269	46 A	52.8S	37.4E	269	46 A	53.0S	52.2E	269	46 A			
SEP 20 68	53.3S	67.0E	268	46 B	53.5S	81.9E	268	45 B	53.7S	96.6E	268	45 C	54.0S	111.3E	268	44 C			
SEP 21 68	54.2S	125.9E	268	44 C	54.5S	140.4E	268	43 D	54.8S	154.6E	268	42 C	55.1S	168.6E	267	41 C			
SEP 22 68	55.5S	177.8W	266	39 C	56.0S	164.5W	266	38 B	56.6S	151.6W	266	36 B	57.1S	139.0W	267	35 A			
SEP 23 68	57.4S	126.6W	268	34 A	57.4S	114.4W	271	34 B	57.2S	102.3W	273	34 B	56.6S	90.1W	276	35 C			
SEP 24 68	55.7S	77.8W	279	36 C	54.4S	65.4W	281	38 C	53.0S	53.0W	281	39 C	51.6S	40.6W	279	40 C			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



100MB GHOST BALLOON 151R  
00 GMT

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
SEP 25 68	50.5S	28.5W	276	39 C	50.0S	16.7W	273	39 C	49.7S	5.0W	271	39 C	49.5S	7.1E	272	41 B
SEP 26 68	49.2S	19.8E	273	44 B	48.5S	33.4E	275	48 A	47.6S	47.8E	276	51 A	46.6S	62.8E	276	54 B
SEP 27 68	45.6S	78.1E	275	56 B	44.7S	93.6E	274	56 C	44.2S	108.7E	271	55 B	44.3S	123.1E	267	51 B
SEP 28 68	45.3S	136.3E	260	46 A	47.2S	148.1E	253	41 A	49.6S	159.2E	252	39 B	51.7S	170.7E	257	39 A
SEP 29 68	52.8S	176.6W	267	43 A	52.4S	162.0W	276	48 A	50.9S	146.3W	281	52 B	48.7S	130.9W	284	52 A
SEP 30 68	46.3S	116.8W	284	48 A	44.1S	104.9W	284	42 B	42.2S	94.6W	283	39 A	40.6S	84.8W	281	39 A
OCT 1 68	39.3S	74.5W	279	44 A	38.1S	62.8W	276	50 B	37.1S	50.1W	275	54 A	36.3S	36.9W	274	55 A
OCT 2 68	35.7S	23.9W	273	53 B	35.4S	11.5W	272	51 B	35.2S	.3E	271	49 C	35.1S	11.6E	270	47 C
OCT 3 68	35.2S	22.6E	269	46 C	35.4S	33.3E	268	44 D	35.7S	43.8E	268	43 D	36.1S	54.0E	267	42 D
OCT 4 68	36.4S	63.9E	267	40 D	36.8S	73.4E	267	39 D	37.2S	82.5E	267	37 C	37.6S	91.4E	267	35 C
OCT 5 68	37.9S	99.8E	267	34 C	38.3S	108.0E	267	32 B	38.5S	115.8E	269	31 B	38.5S	123.3E	271	30 A
OCT 6 68	38.3S	130.5E	273	28 A	37.9S	137.3E	274	27 A	37.8S	143.7E	269	25 A	38.3S	149.5E	255	23 A
OCT 7 68	40.2S	154.5E	233	23 A	43.6S	158.9E	219	26 A	47.7S	163.7E	222	28 B	51.3S	170.4E	238	30 A
OCT 8 68	53.5S	179.9W	262	37 A	53.2S	166.2W	279	47 A	50.9S	150.4W	288	55 B	47.0S	134.9W	294	56 A
OCT 9 68	42.2S	122.0W	302	48 A	37.2S	113.4W	313	38 A	32.4S	108.0W	319	30 A	28.7S	103.8W	308	24 A
OCT 10 68	26.8S	99.0W	279	27 A	27.1S	92.1W	260	36 B	29.1S	83.7W	251	41 A	32.1S	75.1W	245	41 A
OCT 11 68	35.5S	67.3W	240	34 B	38.6S	61.1W	235	26 B	41.3S	56.2W	235	21 A	43.4S	51.8W	241	19 A
OCT 12 68	44.7S	47.2W	254	19 A	45.3S	41.9W	267	21 A	45.2S	35.8W	276	23 B	44.4S	29.2W	283	25 B
OCT 13 68	43.0S	22.3W	287	27 C	41.3S	15.3W	289	29 C	39.4S	8.3W	288	29 C	37.9S	1.2W	283	29 C
OCT 14 68	37.1S	5.6E	274	28 C	37.2S	12.4E	264	28 C	38.0S	19.2E	259	28 C	39.2S	26.2E	258	29 B
OCT 15 68	40.2S	33.7E	261	31 B	40.9S	41.8E	266	33 A	41.2S	50.5E	271	35 A	40.8S	59.6E	275	36 B
OCT 16 68	39.8S	69.0E	280	38 B	38.2S	78.4E	284	39 C	36.3S	87.3E	285	37 B	34.7S	95.2E	283	31 B
OCT 17 68	33.8S	101.5E	275	22 A	34.0S	105.8E	257	15 A	35.0S	108.7E	238	13 B	36.5S	111.1E	232	13 B
OCT 18 68	38.0S	114.0E	240	16 A	39.4S	118.0E	251	19 A	40.5S	123.1E	258	22 B	41.2S	129.1E	265	24 B
OCT 19 68	41.4S	135.6E	271	26 C	41.0S	142.5E	277	27 C	40.1S	149.4E	284	27 B	38.5S	155.7E	293	26 A
OCT 20 68	36.2S	161.0E	305	24 A	33.3S	165.1E	319	22 A	29.8S	167.9E	332	21 B	26.0S	169.7E	343	20 A
OCT 21 68	22.3S	170.5E	353	19 A	18.7S	170.7E	1	17 A	15.6S	170.4E	10	15 B	13.2S	169.8E	19	11 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 153G  
00 GMT

		MPS R				06 GMT				MPS R				12 GMT				MPS R				18 GMT				MPS R			
SEP 28 68	51.1S	157.2W	271	36	A	51.0S	146.1W	271	36	B	50.9S	135.2W	271	35	B	50.8S	124.3W	270	35	C									
SEP 29 68	50.8S	113.7W	270	35	C	50.7S	103.1W	270	34	C	50.7S	92.7W	270	34	D	50.6S	82.4W	271	33	D									
SEP 30 68	50.6S	72.2W	271	33	D	50.5S	62.2W	271	33	D	50.4S	52.3W	271	32	D	50.2S	42.6W	271	32	D									
OCT 1 68	50.1S	33.0W	272	31	D	49.9S	23.6W	272	31	D	49.6S	14.3W	273	31	D	49.3S	5.2W	273	30	C									
OCT 2 68	49.0S	3.7E	274	30	C	48.6S	12.5E	274	30	C	48.1S	21.2E	275	30	C	47.6S	29.7E	276	29	C									
OCT 3 68	47.0S	38.0E	277	29	C	46.3S	46.2E	277	29	D	45.5S	54.2E	278	29	D	44.7S	62.0E	279	29	D									
OCT 4 68	43.7S	69.6E	280	29	D	42.7S	77.1E	281	29	D	41.5S	84.4E	283	28	D	40.3S	91.5E	284	28	C									
OCT 5 68	38.9S	98.5E	285	28	C	37.4S	105.2E	286	28	C	35.8S	111.8E	288	28	B	34.1S	118.2E	289	28	B									
OCT 6 68	32.2S	124.4E	291	28	A	30.1S	130.4E	292	28	A	28.1S	136.3E	291	28	B	26.2S	142.0E	289	28	B									
OCT 7 68	24.7S	147.7E	284	27	A	23.7S	153.4E	278	28	A	23.2S	159.4E	272	29	B	23.2S	165.9E	268	33	B									
OCT 8 68	23.7S	173.4E	264	38	C	24.7S	178.1W	262	42	C	25.9S	168.9W	260	44	C	27.5S	159.5W	259	44	C									
OCT 9 68	29.2S	150.1W	257	42	C	31.1S	141.3W	255	39	C	33.0S	133.0W	254	36	C	35.0S	125.2W	253	34	D									
OCT 10 68	36.9S	117.6W	253	32	D	38.6S	110.3W	253	30	C	40.2S	103.2W	255	29	C	41.4S	96.2W	259	27	C									
OCT 11 68	42.3S	89.3W	263	27	B	42.6S	82.2W	269	27	B	42.5S	75.2W	273	27	A	42.1S	68.0W	277	28	A									
OCT 12 68	41.3S	60.8W	280	28	B	40.2S	53.5W	281	29	B	39.1S	46.2W	281	30	A	38.1S	38.9W	279	30	A									
OCT 13 68	37.3S	31.8W	276	29	B	36.9S	24.7W	272	29	B	36.9S	17.7W	269	29	C	37.1S	10.5W	267	30	B									
OCT 14 68	37.4S	3.2W	267	31	B	37.6S	4.4E	268	32	A	37.9S	12.4E	268	33	A	38.0S	20.6E	269	34	B									
OCT 15 68	38.1S	29.1E	270	35	B	38.1S	37.9E	270	36	C	38.0S	46.8E	271	37	C	38.0S	55.8E	271	37	C									
OCT 16 68	37.8S	64.9E	271	37	D	37.7S	73.9E	271	36	D	37.6S	82.7E	271	36	D	37.5S	91.4E	271	35	C									
OCT 17 68	37.4S	99.7E	271	33	C	37.3S	107.7E	270	32	C	37.4S	115.3E	269	30	B	37.5S	122.3E	268	28	B									
OCT 18 68	37.7S	128.8E	266	25	A	38.1S	134.6E	265	22	A	38.4S	139.7E	266	20	B	38.5S	144.2E	272	17	B									
OCT 19 68	38.1S	148.1E	283	15	A	37.1S	151.4E	297	14	A	35.7S	154.2E	308	14	B	33.9S	156.6E	314	14	A									
OCT 20 68	32.1S	158.8E	315	13	A	30.3S	160.9E	314	13	A	28.7S	163.0E	309	12	B	27.5S	165.1E	299	11	A									
OCT 21 68	26.6S	167.3E	286	11	A	26.3S	169.7E	274	12	A	26.2S	172.5E	270	14	B	26.2S	175.7E	271	16	A									
OCT 22 68	26.0S	179.5E	275	19	A	25.5S	176.2W	279	22	A	24.8S	171.3W	280	24	B	23.9S	166.3W	281	24	A									
OCT 23 68	23.1S	161.3W	280	24	A	22.3S	156.5W	279	23	B	21.7S	151.9W	277	22	B	21.3S	147.5W	276	21	C									
OCT 24 68	21.0S	143.2W	274	21	C	20.7S	138.9W	272	20	C	20.6S	134.7W	270	20	D	20.7S	130.5W	269	21	D									
OCT 25 68	20.8S	126.2W	267	21	D	21.1S	121.8W	265	21	D	21.5S	117.3W	263	22	D	22.1S	112.7W	262	23	D									
OCT 26 68	22.8S	107.9W	261	23	D	23.6S	102.9W	260	24	C	24.5S	97.6W	258	26	C	25.6S	92.1W	257	27	C									
OCT 27 68	26.8S	86.1W	257	29	B	28.2S	79.6W	256	31	B	29.8S	72.8W	255	32	A	31.4S	65.8W	255	33	A									
OCT 28 68	33.0S	58.6W	255	32	B	34.6S	51.3W	255	31	B	36.0S	44.3W	256	30	A	37.3S	37.6W	258	27	A									
OCT 29 68	38.2S	31.6W	260	23	B	38.8S	26.4W	263	19	B	39.1S	22.0W	268	16	C	39.1S	18.2W	273	14	C									
OCT 30 68	38.9S	14.9W	278	12	C	38.4S	12.2W	284	11	D	37.8S	9.8W	291	10	D	37.1S	7.8W	298	9	D									
OCT 31 68	36.3S	6.1W	306	8	D	35.3S	4.7W	313	7	D	34.3S	3.5W	319	7	D	33.3S	2.5W	323	7	D									
NOV 1 68	32.3S	1.7W	325	6	D	31.3S	.9W	325	6	D	30.4S	.0W	322	6	D	29.5S	.8E	316	6	D									
NOV 2 68	28.8S	1.7E	308	6	C	28.1S	2.8E	298	6	C	27.7S	4.1E	286	7	C	27.5S	5.7E	275	8	B									
NOV 3 68	27.5S	7.5E	266	10	B	27.7S	9.8E	259	11	A	28.3S	12.5E	255	13	A	29.1S	15.5E	252	15	B									
NOV 4 68	30.1S	18.9E	250	17	B	31.2S	22.6E	249	18	C	32.5S	26.4E	249	18	C	33.8S	30.4E	250	18	B									
NOV 5 68	34.9S	34.3E	251	17	A	35.9S	38.0E	254	16	A	36.7S	41.6E	256	15	A	37.3S	45.1E	258	14	B									
NOV 6 68	37.8S	48.5E	259	14	A	38.3S	51.9E	260	14	A	38.7S	55.2E	261	13	A	39.2S	58.5E	261	13	B									
NOV 7 68	39.6S	61.8E	260	14	B	40.1S	65.2E	259	14	C	40.7S	68.7E	258	14	C	41.2S	72.2E	257	14	C									
NOV 8 68	41.9S	75.8E	257	14	D	42.5S	79.4E	256	14	D	43.2S	83.0E	256	14	D	43.8S	86.7E	256	14	D									
NOV 9 68	44.5S	90.4E	255	14	D	45.2S	94.1E	255	14	D	45.9S	97.9E	255	14	D	46.7S	101.7E	254	14	D									
NOV 10 68	47.4S	105.5E	254	14	D	48.1S	109.4E	254	14	D	48.9S	113.2E	254	14	D	49.6S	117.1E	254	14	D									

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 153G  
00 GMT

	00 GMT				06 GMT				12 GMT				18 GMT			
			MPS	R			MPS	R			MPS	R			MPS	R
NOV 11 68	50.4S	121.1E	254	13 D	51.1S	125.0E	254	13 D	51.8S	129.0E	254	13 D	52.5S	132.9E	254	13 D
NOV 12 68	53.2S	136.9E	254	13 D	53.9S	141.0E	254	13 D	54.6S	145.0E	254	12 D	55.2S	149.0E	255	12 D
NOV 13 68	55.8S	153.1E	255	12 D	56.4S	157.1E	256	12 D	57.0S	161.2E	256	12 D	57.5S	165.2E	257	12 D
NOV 14 68	58.0S	169.3E	257	11 D	58.5S	173.4E	258	11 D	58.9S	177.4E	259	11 D	59.3S	178.5W	260	11 D
NOV 15 68	59.6S	174.4W	261	11 D	59.9S	170.4W	262	11 D	60.1S	166.3W	264	10 D	60.3S	162.3W	265	10 D
NOV 16 68	60.5S	158.2W	267	10 D	60.5S	154.2W	268	10 D	60.6S	150.2W	270	10 D	60.5S	146.2W	272	10 D
NOV 17 68	60.4S	142.2W	274	10 D	60.3S	138.2W	276	10 D	60.0S	134.2W	278	10 D	59.7S	130.3W	280	10 D
NOV 18 68	59.3S	126.4W	282	10 D	58.9S	122.5W	284	11 D	58.4S	118.6W	286	11 D	57.7S	114.7W	288	11 D
NOV 19 68	57.0S	110.9W	290	11 D	56.2S	107.1W	292	12 D	55.4S	103.4W	293	12 D	54.4S	99.6W	295	12 D
NOV 20 68	53.3S	95.9W	296	13 D	52.2S	92.3W	298	13 C	51.0S	88.6W	300	13 C	49.6S	85.0W	302	14 C
NOV 21 68	48.1S	81.5W	304	15 B	46.4S	77.9W	305	15 B	44.7S	74.5W	306	16 A	42.9S	71.0W	305	16 A
NOV 22 68	41.2S	67.7W	304	15 B	39.6S	64.4W	301	15 B	38.2S	61.2W	297	14 A	37.1S	58.0W	290	14 A
NOV 23 68	36.4S	54.9W	280	13 B	36.2S	51.7W	271	13 B	36.3S	48.4W	264	14 A	36.7S	45.1W	260	14 A
NOV 24 68	37.3S	41.5W	259	15 B	37.8S	37.7W	260	16 B	38.4S	33.7W	260	17 C	39.0S	29.5W	261	17 C
NOV 25 68	39.5S	25.1W	261	18 C	40.0S	20.7W	262	18 C	40.4S	16.1W	264	18 C	40.8S	11.4W	266	19 C
NOV 26 68	41.0S	6.6W	268	19 B	41.0S	1.8W	271	19 B	40.8S	3.2E	275	19 A	40.4S	8.1E	278	20 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 209Q  
00 GMT

				MPS R	06 GMT				MPS R	12 GMT				MPS R	18 GMT				MPS R
JUL 18 69	35.8S	165.8W	239	21 A	38.1S	161.8W	250	22 A	38.8S	155.9W	269	27 B	38.4S	148.6W	278	32 A			
JUL 19 69	37.2S	140.4W	282	36 A	35.7S	131.7W	282	37 B	34.3S	123.1W	279	36 B	33.5S	115.0W	273	33 A			
JUL 20 69	33.7S	107.9W	261	28 A	35.2S	102.1W	246	24 B	37.4S	97.1W	239	23 A	39.6S	92.0W	243	23 A			
JUL 21 69	41.2S	86.4W	257	25 A	41.6S	79.5W	271	29 B	41.2S	71.6W	277	33 A	40.2S	62.9W	280	36 A			
JUL 22 69	39.0S	53.7W	279	38 B	38.0S	44.4W	276	38 B	37.4S	34.9W	273	39 A	37.2S	25.4W	269	39 A			
JUL 23 69	37.7S	16.0W	264	39 B	38.7S	6.6W	260	38 B	40.3S	2.4E	256	36 C	42.1S	10.8E	252	32 B			
JUL 24 69	44.0S	18.4E	250	28 B	45.8S	25.0E	248	24 A	47.4S	30.9E	248	21 A	48.9S	36.4E	250	20 B			
JUL 25 69	50.1S	41.9E	253	19 B	51.0S	47.7E	258	20 C	51.7S	54.0E	262	22 C	52.2S	61.2E	265	24 C			
JUL 26 69	52.5S	69.3E	268	27 C	52.6S	78.5E	269	30 D	52.6S	88.6E	271	33 D	52.5S	99.5E	272	35 C			
JUL 27 69	52.3S	110.8E	272	36 C	51.9S	122.4E	273	37 C	51.6S	134.1E	273	37 B	51.2S	145.8E	273	37 B			
JUL 28 69	50.7S	157.2E	273	37 A	50.3S	168.4E	273	36 A	49.9S	179.2E	273	35 B	49.5S	170.6W	274	33 B			
JUL 29 69	49.1S	160.9W	274	31 C	48.6S	152.0W	275	29 B	48.1S	143.9W	276	27 B	47.6S	136.6W	276	24 A			
JUL 30 69	47.1S	130.1W	278	21 A	46.5S	124.5W	279	19 B	46.0S	119.6W	278	17 B	45.6S	115.0W	276	16 A			
JUL 31 69	45.4S	110.5W	272	17 A	45.3S	105.8W	270	17 B	45.4S	100.8W	269	19 B	45.4S	95.4W	271	21 C			
AUG 1 69	45.2S	89.4W	274	23 B	44.7S	82.7W	277	26 B	44.0S	75.1W	277	30 A	43.2S	66.3W	277	36 A			
AUG 2 69	42.4S	56.0W	275	43 B	41.7S	44.0W	274	49 B	41.1S	30.7W	272	54 A	40.8S	16.4W	271	57 A			
AUG 3 69	40.9S	1.5W	269	58 B	41.3S	13.4E	267	58 A	42.0S	28.2E	266	56 A	42.7S	42.3E	266	52 A			
AUG 4 69	43.3S	55.5E	267	47 B	43.7S	67.4E	268	42 C	43.8S	78.3E	269	39 C	43.8S	88.4E	270	36 C			
AUG 5 69	43.8S	98.0E	270	35 C	43.9S	107.4E	269	35 C	44.0S	116.9E	268	35 B	44.3S	126.5E	267	36 B			
AUG 6 69	44.7S	136.6E	266	38 A	45.3S	147.1E	265	39 A	45.9S	157.9E	266	39 B	46.3S	168.5E	268	37 A			
AUG 7 69	46.3S	178.6E	272	35 A	45.8S	172.0W	277	32 A	44.8S	163.6W	281	30 B	43.6S	156.0W	283	28 A			
AUG 8 69	42.4S	149.2W	284	25 A	41.2S	143.1W	285	23 A	40.1S	137.4W	285	23 B	38.8S	131.5W	286	26 A			
AUG 9 69	37.2S	124.8W	287	31 A	35.4S	117.1W	286	36 B	33.4S	108.8W	285	38 A	31.7S	100.2W	282	38 A			
AUG 10 69	30.5S	92.1W	277	35 A	30.0S	84.7W	271	32 B	30.1S	77.7W	266	31 A	30.7S	70.7W	263	32 A			
AUG 11 69	31.5S	63.1W	263	36 A	32.4S	54.6W	263	39 B	33.4S	45.3W	263	42 A	34.4S	35.5W	263	42 A			
AUG 12 69	35.5S	25.5W	263	42 B	36.5S	15.6W	262	41 A	37.6S	6.0W	262	38 A	38.7S	3.0E	260	35 A			
AUG 13 69	39.9S	11.2E	258	31 B	41.2S	18.4E	256	27 A	42.4S	25.0E	257	25 A	43.3S	31.3E	262	24 B			
AUG 14 69	43.6S	37.8E	271	25 B	43.2S	44.9E	277	28 C	42.4S	52.8E	278	32 B	41.7S	61.5E	275	35 B			
AUG 15 69	41.4S	71.1E	270	40 A	41.8S	81.9E	264	43 A	42.9S	93.5E	261	46 B	44.5S	105.7E	259	46 B			
AUG 16 69	46.3S	118.2E	258	46 C	48.1S	130.6E	258	43 C	49.6S	142.6E	261	39 B	50.4S	153.5E	267	34 A			
AUG 17 69	50.2S	163.0E	279	28 A	48.7S	170.6E	294	26 A	46.3S	176.9E	303	25 B	43.5S	177.3W	304	26 A			
AUG 18 69	40.8S	171.3W	297	28 A	38.6S	164.7W	290	30 A	36.9S	157.6W	285	30 B	35.5S	150.9W	284	28 A			
AUG 19 69	34.2S	144.9W	285	23 A	33.1S	140.3W	287	18 A	32.2S	136.8W	284	14 B	31.8S	134.1W	270	10 A			
AUG 20 69	32.3S	131.9W	242	10 A	33.6S	129.9W	227	13 B	35.4S	127.4W	232	16 B	37.3S	123.7W	246	21 A			
AUG 21 69	38.6S	118.0W	261	28 A	38.9S	109.9W	271	36 B	38.5S	100.4W	275	39 A	37.7S	91.0W	277	37 A			
AUG 22 69	36.8S	82.9W	279	29 A	36.0S	77.0W	279	21 B	35.4S	72.5W	278	18 A	35.0S	68.2W	275	20 A			
AUG 23 69	34.7S	62.6W	273	28 A	34.5S	54.9W	272	36 B	34.2S	45.7W	273	41 A	33.7S	36.0W	275	41 A			
AUG 24 69	32.8S	26.8W	279	38 B	31.4S	19.0W	283	32 A	30.1S	12.5W	283	27 A	29.3S	7.2W	274	21 A			
AUG 25 69	29.7S	3.1W	250	17 B	31.6S	.2E	226	18 B	34.3S	3.2E	223	21 A	37.2S	7.0E	233	22 A			
AUG 26 69	39.3S	12.3E	253	26 B	40.1S	19.7E	269	33 A	39.8S	28.7E	275	38 A	39.0S	38.5E	277	40 B			
AUG 27 69	38.1S	48.3E	275	39 A	37.7S	57.4E	273	35 A	37.4S	65.4E	272	31 A	37.1S	72.2E	275	25 B			
AUG 28 69	36.4S	77.5E	284	19 A	35.3S	81.3E	297	15 A	33.8S	84.3E	301	15 B	32.4S	87.5E	294	17 B			
AUG 29 69	31.3S	91.7E	281	22 A	30.8S	97.5E	272	29 A	30.8S	104.7E	268	34 B	31.3S	112.5E	265	35 B			
AUG 30 69	32.0S	120.2E	262	33 A	33.0S	127.3E	259	30 A	34.1S	133.8E	257	27 B	35.3S	139.7E	256	24 A			

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

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		00 GMT				06 GMT				12 GMT				18 GMT						
		MPS		R		MPS		R		MPS		R		MPS		R				
AUG 31 69	36.5S	145.1E	255	22	A	37.5S	150.1E	256	20	A	38.4S	154.7E	259	18	B	38.9S	159.0E	264	17	B
SEP 1 69	39.0S	162.9E	273	15	A	38.6S	166.6E	281	15	A	37.9S	170.1E	286	15	B	37.1S	173.7E	285	16	A
SEP 2 69	36.4S	177.5E	280	17	A	36.0S	178.3W	276	18	A	35.6S	173.8W	275	19	B	35.2S	169.2W	277	20	A
SEP 3 69	34.6S	164.6W	282	20	A	33.7S	160.1W	285	21	A	32.6S	155.1W	283	24	B	31.6S	149.2W	278	29	A
SEP 4 69	31.1S	141.8W	272	37	A	31.1S	132.7W	268	44	A	31.5S	122.4W	266	46	A	32.1S	111.9W	266	45	A
SEP 5 69	32.7S	102.1W	267	40	A	32.9S	93.6W	268	34	B	33.2S	86.2W	267	30	A	33.7S	79.4W	262	29	A
SEP 6 69	34.8S	72.7W	255	30	A	36.6S	65.7W	250	32	B	39.0S	58.4W	248	32	A	41.3S	50.9W	249	31	A
SEP 7 69	43.1S	43.3W	255	30	A	44.2S	35.7W	263	28	B	44.5S	28.2W	271	27	A	44.0S	21.1W	280	26	A
SEP 8 69	42.8S	14.3W	288	26	B	41.0S	8.0W	293	26	A	39.1S	1.8W	291	26	A	37.4S	4.5E	284	27	A
SEP 9 69	36.6S	11.3E	273	30	B	36.9S	18.9E	263	33	A	38.0S	27.4E	258	37	A	39.7S	36.8E	256	40	A
SEP 10 69	41.6S	47.0E	257	42	B	43.3S	58.1E	260	43	A	44.6S	69.7E	262	43	A	45.6S	81.3E	264	42	B
SEP 11 69	46.2S	92.7E	268	39	B	46.3S	103.3E	271	36	C	45.9S	112.9E	276	32	B	44.9S	121.0E	283	27	B
SEP 12 69	43.4S	127.3E	295	22	A	41.5S	131.7E	304	18	A	39.6S	135.9E	296	20	B	38.2S	141.6E	279	29	A
SEP 13 69	37.9S	150.8E	267	47	A	39.1S	164.6E	262	63	A	41.3S	179.2W	258	64	B	44.2S	163.7W	253	54	A
SEP 14 69	47.2S	152.0W	245	34	A	49.7S	146.1W	224	16	A	51.5S	144.4W	194	7	B	52.2S	144.3W	305	1	A
SEP 15 69	51.2S	143.0W	318	13	A	48.4S	138.6W	312	26	B	44.6S	132.0W	308	34	B	40.6S	124.7W	304	34	A
SEP 16 69	37.5S	118.1W	298	26	A	36.0S	113.4W	284	17	B	35.7S	109.8W	265	14	B	36.3S	106.2W	256	17	A
SEP 17 69	37.1S	101.5W	260	24	A	37.9S	94.9W	264	30	B	38.4S	87.2W	266	32	B	38.7S	79.4W	268	30	A
SEP 18 69	38.8S	72.6W	270	24	A	38.7S	67.6W	274	17	B	38.4S	63.8W	278	15	A	37.9S	60.1W	279	16	A
SEP 19 69	37.3S	55.6W	278	22	A	36.7S	49.6W	276	28	B	36.2S	42.4W	274	31	A	36.0S	34.9W	270	31	A
SEP 20 69	36.3S	27.6W	263	29	B	37.3S	21.2W	256	26	A	38.6S	15.3W	253	24	A	39.9S	9.5W	254	24	A
SEP 21 69	41.0S	3.4W	260	25	B	41.6S	3.2E	266	27	A	41.8S	10.3E	269	28	A	41.9S	17.6E	270	28	A
SEP 22 69	42.0S	24.9E	268	28	B	42.3S	32.0E	265	27	A	42.9S	38.8E	262	25	A	43.7S	45.4E	258	24	A
SEP 23 69	44.7S	51.5E	255	23	A	46.0S	57.4E	252	22	A	47.2S	63.1E	255	20	A	48.0S	68.7E	263	19	B
SEP 24 69	48.0S	74.3E	275	20	B	47.2S	80.1E	287	21	C	45.7S	85.9E	294	23	B	43.8S	91.5E	297	23	B
SEP 25 69	41.7S	96.8E	298	22	A	39.9S	101.5E	295	20	A	38.5S	106.0E	288	19	B	37.6S	110.6E	277	20	B
SEP 26 69	37.6S	115.8E	265	23	A	38.4S	121.8E	257	26	A	39.8S	128.4E	253	28	A	41.4S	135.4E	253	29	B
SEP 27 69	42.9S	142.5E	256	27	A	43.9S	149.4E	261	26	A	44.6S	156.3E	264	25	B	45.0S	163.1E	266	25	A
SEP 28 69	45.4S	170.0E	266	25	A	45.8S	176.9E	265	25	A	46.2S	176.3W	265	24	B	46.6S	169.6W	265	22	B
SEP 29 69	46.9S	163.6W	267	20	C	47.0S	158.3W	268	17	B	47.1S	153.8W	270	15	B	47.1S	150.0W	271	12	A
SEP 30 69	47.0S	146.8W	271	10	A	47.0S	144.0W	268	10	A	47.2S	140.9W	261	13	B	47.9S	136.6W	256	19	A
OCT 1 69	49.1S	130.1W	252	28	A	51.0S	120.9W	252	35	B	53.1S	109.9W	254	37	A	54.7S	98.1W	260	35	A
OCT 2 69	55.2S	86.9W	273	31	A	54.1S	77.0W	289	29	B	51.7S	68.4W	300	29	A	48.6S	60.8W	305	30	A
OCT 3 69	45.3S	53.9W	305	29	A	42.2S	47.5W	302	28	B	39.6S	41.5W	297	26	A	37.7S	35.9W	290	23	A
OCT 4 69	36.7S	30.8W	279	20	B	36.5S	26.1W	265	19	B	37.2S	21.2W	257	22	A	38.5S	15.2W	254	28	A
OCT 5 69	40.2S	7.4W	255	36	B	42.0S	2.7E	258	43	A	43.7S	14.3E	260	46	A	44.9S	26.6E	264	45	A
OCT 6 69	45.3S	38.6E	271	41	B	44.7S	49.4E	277	38	A	43.6S	59.2E	281	36	A	42.3S	68.4E	280	35	B
OCT 7 69	41.5S	77.4E	274	35	B	41.4S	86.4E	267	35	C	42.0S	95.3E	262	34	B	43.1S	104.1E	259	33	B
OCT 8 69	44.4S	112.4E	256	30	A	45.8S	120.1E	256	28	A	47.0S	127.4E	258	25	B	47.8S	134.3E	263	23	B
OCT 9 69	48.0S	140.9E	273	22	A	47.4S	147.3E	283	22	A	46.1S	153.4E	291	22	B	44.4S	159.0E	296	22	A
OCT 10 69	42.4S	164.1E	300	21	A	40.5S	168.6E	301	19	A	38.7S	172.7E	297	18	B	37.3S	176.7E	289	18	A
OCT 11 69	36.5S	179.1W	276	18	A	36.5S	174.4W	266	20	A	37.0S	169.4W	259	22	B	37.9S	164.0W	257	23	A
OCT 12 69	39.0S	158.6W	257	23	A	39.9S	153.2W	259	22	A	40.5S	148.0W	265	20	B	40.5S	143.2W	276	17	A
OCT 13 69	39.7S	139.2W	295	16	A	38.0S	136.1W	312	15	A	36.0S	133.5W	316	15	B	34.2S	131.1W	306	13	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

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		MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
OCT 14 69	33.3S 128.4W	276	12 A	33.7S 125.3W	251	15 B	34.9S 121.8W	244	17 A	36.3S 118.2W	248	16 A	36.3S 118.2W	248	16 A
OCT 15 69	37.1S 114.7W	265	14 A	36.7S 111.5W	287	14 B	35.7S 108.2W	294	16 A	34.5S 104.4W	287	18 A	34.5S 104.4W	287	18 A
OCT 16 69	33.8S 99.7W	274	23 A	34.0S 93.8W	264	28 B	34.7S 86.8W	262	32 A	35.6S 79.1W	263	34 A	35.6S 79.1W	263	34 A
OCT 17 69	36.1S 71.0W	269	34 A	35.8S 62.8W	274	34 B	35.3S 54.6W	275	34 A	34.9S 46.6W	271	34 A	34.9S 46.6W	271	34 A
OCT 18 69	35.2S 38.7W	262	33 A	36.6S 31.1W	253	32 B	38.7S 23.7W	248	31 A	40.9S 16.8W	248	28 A	40.9S 16.8W	248	28 A
OCT 19 69	42.7S 10.2W	253	25 B	43.7S 4.2W	263	22 A	43.9S 1.3E	273	19 A	43.4S 6.1E	283	17 A	43.4S 6.1E	283	17 A
OCT 20 69	42.4S 10.0E	294	14 B	41.2S 13.1E	303	12 A	39.9S 15.5E	306	11 A	38.8S 17.7E	299	10 A	38.8S 17.7E	299	10 A
OCT 21 69	38.2S 19.9E	279	10 B	38.2S 22.5E	263	11 A	38.6S 25.4E	257	12 A	39.2S 28.4E	257	13 A	39.2S 28.4E	257	13 A
OCT 22 69	39.6S 31.5E	264	12 B	39.6S 34.5E	276	12 A	39.1S 37.4E	288	12 A	38.1S 40.2E	300	13 A	38.1S 40.2E	300	13 A
OCT 23 69	36.6S 42.9E	310	14 A	34.6S 45.5E	316	15 A	32.5S 47.9E	317	14 A	30.7S 49.9E	312	10 A	30.7S 49.9E	312	10 A
OCT 24 69	29.9S 51.4E	284	5 A	30.3S 52.2E	209	5 A	31.6S 52.6E	189	8 A	33.3S 52.9E	187	9 B	33.3S 52.9E	187	9 B
OCT 25 69	35.1S 53.3E	195	9 B	36.5S 54.0E	211	8 A	37.7S 55.2E	227	8 A	38.8S 57.1E	238	11 B	38.8S 57.1E	238	11 B
OCT 26 69	40.0S 59.7E	242	14 A	41.3S 63.2E	244	17 A	42.8S 67.7E	247	20 A	44.3S 73.1E	251	23 B	44.3S 73.1E	251	23 B
OCT 27 69	45.6S 79.4E	256	26 A	46.6S 86.6E	260	26 A	47.3S 93.7E	265	23 B	47.3S 99.4E	276	16 B	47.3S 99.4E	276	16 B
OCT 28 69	46.6S 102.6E	317	8 A	45.1S 102.5E	28	10 A	43.2S 100.5E	41	14 B	41.2S 98.3E	35	11 B	41.2S 98.3E	35	11 B
OCT 29 69	39.8S 97.7E	331	7 A	39.0S 100.1E	278	15 A	38.9S 104.7E	269	22 B	39.0S 110.7E	268	25 B	39.0S 110.7E	268	25 B
OCT 30 69	39.2S 116.9E	270	24 A	39.0S 122.6E	273	22 A	38.8S 127.8E	274	20 B	38.6S 132.8E	272	20 A	38.6S 132.8E	272	20 A
OCT 31 69	38.5S 137.9E	268	21 A	38.8S 143.3E	265	22 A	39.2S 149.0E	265	23 B	39.5S 154.8E	269	23 A	39.5S 154.8E	269	23 A
NOV 1 69	39.2S 160.5E	277	23 A	38.4S 166.2E	283	23 A	37.4S 171.6E	282	23 B	36.8S 177.0E	274	22 A	36.8S 177.0E	274	22 A
NOV 2 69	37.0S 177.6W	258	22 A	38.5S 172.3W	245	23 A	40.6S 167.2W	240	23 B	42.7S 162.2W	243	20 A	42.7S 162.2W	243	20 A
NOV 3 69	44.0S 157.6W	259	17 A	43.9S 153.4W	282	16 A	42.9S 149.3W	293	17 B	41.5S 145.1W	292	18 B	41.5S 145.1W	292	18 B
NOV 4 69	40.4S 140.5W	282	20 A	40.0S 135.3W	271	21 B	40.1S 130.0W	265	20 B	40.5S 125.4W	262	15 C	40.5S 125.4W	262	15 C
NOV 5 69	40.9S 122.0W	264	10 B	40.9S 120.2W	273	5 B	40.9S 119.4W	274	3 A	40.9S 118.5W	258	5 A	40.9S 118.5W	258	5 A
NOV 6 69	41.3S 116.6W	251	11 A	42.2S 113.1W	252	17 B	43.2S 108.2W	257	20 A	43.8S 102.8W	267	21 A	43.8S 102.8W	267	21 A
NOV 7 69	43.5S 97.4W	284	20 A	42.0S 92.5W	300	20 B	39.8S 88.1W	305	21 A	37.6S 83.8W	299	20 A	37.6S 83.8W	299	20 A
NOV 8 69	36.3S 79.4W	280	19 A	36.4S 74.6W	260	21 A	37.7S 69.3W	248	25 A	39.9S 63.5W	241	28 A	39.9S 63.5W	241	28 A
NOV 9 69	42.7S 57.0W	239	30 A	45.9S 49.8W	239	31 B	49.0S 41.9W	241	32 A	51.9S 33.4W	244	31 A	51.9S 33.4W	244	31 A
NOV 10 69	54.2S 24.1W	250	31 B	55.8S 14.2W	258	30 A	56.6S 4.1W	267	29 A	56.5S 5.9E	276	28 B	56.5S 5.9E	276	28 B
NOV 11 69	55.4S 15.4E	286	27 A	53.5S 23.8E	296	26 A	51.0S 30.8E	305	24 A	48.4S 35.7E	316	19 A	48.4S 35.7E	316	19 A
NOV 12 69	45.9S 38.2E	341	12 B	44.1S 38.2E	21	8 A	43.1S 37.3E	36	3 A	43.2S 37.9E	243	8 A	43.2S 37.9E	243	8 A
NOV 13 69	44.6S 42.1E	245	27 A	47.6S 51.4E	246	44 A	51.3S 64.4E	246	50 A	55.2S 79.1E	247	47 B	55.2S 79.1E	247	47 B
NOV 14 69	58.4S 93.3E	250	38 A	60.3S 105.4E	257	28 A	60.8S 114.6E	272	19 B	60.0S 120.8E	303	14 B	60.0S 120.8E	303	14 B
NOV 15 69	58.0S 123.6E	349	14 A	54.8S 123.0E	17	19 A	51.1S 120.3E	28	22 B	47.3S 117.0E	30	21 B	47.3S 117.0E	30	21 B
NOV 16 69	44.2S 114.7E	20	14 A	42.2S 114.5E	337	8 A	41.1S 116.2E	289	10 B	40.9S 118.9E	268	12 A	40.9S 118.9E	268	12 A
NOV 17 69	41.2S 122.0E	256	12 A	41.9S 124.8E	250	11 A	42.6S 127.5E	253	11 B	43.0S 130.4E	266	12 A	43.0S 130.4E	266	12 A
NOV 18 69	42.8S 133.8E	282	14 A	41.8S 137.9E	292	19 A	40.2S 142.8E	294	22 B	38.5S 148.3E	291	25 A	38.5S 148.3E	291	25 A
NOV 19 69	36.9S 154.3E	285	27 A	35.8S 160.7E	278	28 A	35.4S 167.4E	271	28 B	35.6S 174.1E	263	28 A	35.6S 174.1E	263	28 A
NOV 20 69	36.6S 179.5W	254	27 A	38.4S 173.4W	246	26 A	40.6S 167.6W	242	26 B	43.1S 161.7W	241	26 A	43.1S 161.7W	241	26 A
NOV 21 69	45.4S 155.5W	245	26 A	47.3S 148.9W	250	25 A	48.7S 142.2W	254	23 B	49.7S 136.0W	258	19 A	49.7S 136.0W	258	19 A
NOV 22 69	50.2S 130.9W	264	15 A	47.8S 123.5W	19	5 C	50.0S 124.9W	292	6 B	49.4S 123.7W	324	4 C	49.4S 123.7W	324	4 C
NOV 23 69	48.7S 123.3W	357	4 C	47.8S 123.5W	19	5 C	47.0S 124.1W	36	5 C	46.4S 125.0W	56	4 C	46.4S 125.0W	56	4 C
NOV 24 69	46.1S 126.1W	85	4 C	46.2S 127.1W	118	4 B	46.8S 128.0W	147	4 A	47.6S 128.4W	174	5 A	47.6S 128.4W	174	5 A
NOV 25 69	48.7S 128.2W	198	6 A	49.9S 127.2W	219	7 B	50.9S 125.5W	244	8 A	51.1S 123.0W	278	9 A	51.1S 123.0W	278	9 A
NOV 26 69	50.3S 120.1W	307	13 A	48.1S 116.7W	318	18 B	45.4S 113.3W	320	18 A	43.0S 110.3W	315	14 A	43.0S 110.3W	315	14 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 209Q

	00 GMT			MPS R	06 GMT			MPS R	12 GMT			MPS R	18 GMT			MPS R
NOV 27 69	41.9S	108.2W	281	6 A	42.6S	107.3W	194	8 B	44.7S	107.0W	182	13 A	47.3S	106.8W	186	13 A
NOV 28 69	49.5S	106.0W	203	10 A	50.8S	104.3W	239	8 B	51.3S	101.9W	267	8 A	51.1S	99.3W	285	9 A
NOV 29 69	50.5S	96.9W	296	8 A	49.8S	95.1W	308	6 B	49.1S	93.9W	320	5 A	48.4S	93.2W	330	4 A
NOV 30 69	47.7S	92.7W	337	3 A	47.3S	92.5W	343	2 B	47.0S	92.4W	354	1 A	46.9S	92.4W	CALM	A
DEC 1 69	46.9S	92.5W	141	1 A	47.1S	92.7W	151	2 D	47.4S	93.0W	152	2 A	47.7S	93.2W	149	1 A
DEC 2 69	47.7S	93.3W	CALM	A	47.5S	93.2W	329	2 B	47.2S	92.7W	305	3 A	46.9S	91.6W	286	5 A
DEC 3 69	46.7S	89.7W	273	9 A	46.7S	86.8W	266	12 B	46.9S	83.1W	264	14 A	47.3S	79.0W	263	15 A
DEC 4 69	47.7S	74.8W	263	15 A	48.0S	70.7W	263	14 B	48.3S	66.9W	264	13 A	48.6S	63.5W	264	11 A
DEC 5 69	48.8S	60.5W	264	9 A	48.9S	58.0W	263	8 A	49.1S	56.0W	259	6 A	49.4S	54.3W	251	5 A
DEC 6 69	49.9S	52.9W	239	5 A	50.5S	51.6W	227	5 A	51.3S	50.4W	216	6 A	52.3S	49.4W	208	6 A
DEC 7 69	53.5S	48.6W	200	7 A	54.8S	47.9W	195	7 A	56.1S	47.3W	193	7 A	57.2S	46.8W	193	5 B
DEC 8 69	58.1S	46.4W	198	3 B	58.4S	46.1W	234	1 A	58.3S	45.7W	237	2 A	57.7S	45.5W	352	4 A
DEC 9 69	56.6S	45.3W	356	7 B	55.0S	45.1W	357	9 B	53.2S	45.0W	357	10 A	51.3S	44.8W	355	10 B
DEC 10 69	49.5S	44.4W	351	8 B	48.1S	43.9W	341	7 C	46.9S	43.0W	324	7 C	45.9S	41.6W	306	8 C
DEC 11 69	45.1S	39.4W	295	10 C	44.3S	36.5W	289	13 B	43.5S	32.9W	286	15 B	42.7S	29.1W	285	15 A
DEC 12 69	42.0S	25.3W	284	14 B	41.3S	21.8W	282	13 B	41.0S	18.8W	275	10 A	41.1S	16.5W	254	8 A
DEC 13 69	41.9S	15.0W	212	7 B	43.5S	14.4W	187	10 A	45.7S	14.2W	182	12 A	47.9S	14.0W	188	11 A
DEC 14 69	49.9S	13.1W	206	10 B	51.4S	11.2W	232	9 A	52.2S	8.6W	253	10 A	52.5S	5.5W	270	10 A
DEC 15 69	52.2S	2.4W	285	10 B	51.5S	.6E	295	10 A	50.6S	3.5E	296	11 A	49.8S	6.5E	287	11 A
DEC 16 69	49.5S	9.7E	272	12 B	49.7S	13.4E	259	13 A	50.3S	17.2E	254	13 A	51.1S	21.1E	255	13 A
DEC 17 69	51.6S	24.8E	263	11 B	51.6S	28.1E	276	10 A	51.2S	31.0E	287	9 A	50.5S	33.6E	295	9 A
DEC 18 69	49.8S	35.9E	298	8 B	49.1S	38.1E	296	8 A	48.5S	40.1E	288	7 A	48.3S	41.9E	273	6 A
DEC 19 69	48.4S	43.7E	250	6 A	49.1S	45.4E	233	7 A	50.0S	47.0E	227	7 A	50.9S	48.6E	230	6 A
DEC 20 69	51.5S	50.0E	248	5 A	51.6S	51.3E	281	4 A	51.2S	52.6E	305	5 A	50.5S	53.9E	314	6 B
DEC 21 69	49.6S	55.3E	315	7 A	48.6S	56.9E	313	8 A	47.6S	58.5E	309	8 A	46.7S	60.4E	304	8 B
DEC 22 69	46.0S	62.3E	296	8 A	45.4S	64.2E	289	8 A	45.0S	66.3E	284	8 A	44.6S	68.3E	281	8 B
DEC 23 69	44.4S	70.4E	281	8 B	44.1S	72.5E	282	8 C	43.8S	74.5E	281	8 C	43.5S	76.6E	280	8 C
DEC 24 69	43.2S	78.7E	279	8 D	43.0S	80.8E	277	8 D	42.9S	82.9E	275	8 D	42.8S	85.0E	273	8 D
DEC 25 69	42.7S	87.1E	271	8 D	42.7S	89.3E	269	8 D	42.7S	91.4E	267	8 D	42.8S	93.6E	265	8 C
DEC 26 69	43.0S	95.8E	263	8 C	43.2S	98.1E	261	9 C	43.5S	100.4E	259	9 B	43.9S	102.7E	257	9 B
DEC 27 69	44.3S	104.9E	255	9 A	44.8S	107.2E	253	9 A	45.3S	109.7E	253	10 B	46.0S	112.8E	254	13 B
DEC 28 69	46.7S	116.7E	255	16 A	47.6S	121.6E	257	19 A	48.4S	127.4E	260	21 B	49.0S	133.8E	265	23 A
DEC 29 69	49.1S	140.6E	271	23 A	48.8S	147.5E	278	24 A	48.0S	154.3E	283	23 B	46.8S	160.5E	287	22 A
DEC 30 69	45.5S	165.9E	291	19 A	44.2S	170.3E	294	15 A	43.1S	173.6E	293	11 B	42.6S	175.9E	279	8 A
DEC 31 69	42.8S	177.5E	234	6 A	43.9S	178.5E	196	8 A	45.5S	178.7E	176	8 B	47.0S	178.1E	154	7 B
JAN 1 70	47.9S	176.8E	109	7 C	47.8S	174.7E	71	9 B	46.9S	172.3E	55	10 B	45.8S	170.4E	40	8 A
JAN 2 70	44.7S	169.6E	3	5 A	44.0S	170.2E	300	4 A	43.8S	171.3E	263	3 B	44.1S	171.5E	144	4 A
JAN 3 70	45.0S	169.7E	115	13 A	46.3S	165.0E	110	21 A	47.6S	159.0E	107	22 B	48.5S	153.7E	101	15 A
JAN 4 70	48.6S	151.0E	42	4 A	47.5S	152.3E	305	14 A	45.8S	156.8E	295	22 B	44.2S	163.1E	286	26 A
JAN 5 70	43.3S	169.7E	273	23 A	43.7S	175.4E	256	20 A	44.9S	179.9W	245	17 B	46.2S	176.3W	242	13 A
JAN 6 70	47.0S	173.6W	259	8 A	46.8S	171.9W	306	6 A	45.9S	171.0W	343	5 B	44.9S	171.0W	22	4 A
JAN 7 70	44.5S	171.9W	91	5 A	45.0S	173.6W	120	9 A	46.1S	176.1W	124	12 B	47.4S	179.1W	119	13 A
JAN 8 70	48.4S	177.4E	107	13 A	48.8S	173.7E	91	13 A	48.5S	170.2E	76	12 B	47.7S	167.0E	61	11 A
JAN 9 70	46.5S	164.7E	42	10 A	45.0S	163.4E	20	8 A	43.5S	163.1E	355	7 B	42.5S	163.6E	315	5 A

RELIABILITY INDEX,R. RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 209Q  
00 GMT

			MPS R		06 GMT		MPS R		12 GMT		MPS R		18 GMT		MPS R	
JAN 10 70	42.3S	164.9E	257	6 A	43.0S	166.7E	233	10 A	44.6S	169.3E	230	14 B	46.5S	172.8E	234	18 A
JAN 11 70	48.4S	177.4E	242	20 A	50.1S	176.8W	250	22 A	51.2S	170.5W	258	21 B	51.7S	164.6W	267	18 A
JAN 12 70	51.5S	159.7W	284	13 A	50.6S	156.5W	310	10 A	49.1S	154.7W	328	9 B	47.6S	153.4W	332	8 A
JAN 13 70	46.4S	152.1W	313	7 A	45.7S	150.4W	283	7 A	45.6S	148.3W	266	8 B	45.9S	146.1W	256	8 B
JAN 14 70	46.3S	144.1W	250	7 C	46.7S	142.5W	245	5 B	47.1S	141.6W	240	2 B	47.2S	141.3W	CALM	A
JAN 15 70	47.0S	141.8W	61	4 A	46.5S	143.1W	59	6 A	45.9S	144.5W	59	6 B	45.5S	145.6W	57	3 A
JAN 16 70	45.4S	145.6W	243	3 A	46.0S	144.2W	240	8 A	46.9S	142.0W	237	10 B	48.0S	139.8W	231	8 A
JAN 17 70	48.9S	138.5W	208	4 A	49.4S	138.6W	126	3 B	49.5S	139.6W	82	4 B	49.2S	140.6W	44	4 A
JAN 18 70	48.5S	140.9W	344	5 A	47.4S	139.8W	318	9 B	46.0S	137.8W	313	10 B	44.7S	135.8W	314	9 A
JAN 19 70	43.7S	134.6W	331	5 A	43.2S	134.6W	57	3 A	43.1S	135.6W	104	5 B	43.7S	137.1W	127	7 A
JAN 20 70	44.8S	138.5W	150	9 A	46.5S	139.5W	163	10 A	48.5S	140.4W	162	10 B	50.2S	141.5W	148	9 A
JAN 21 70	51.4S	143.5W	115	9 A	51.7S	146.6W	88	11 A	51.3S	150.0W	71	11 B	50.5S	152.7W	53	8 A
JAN 22 70	49.4S	153.8W	357	5 A	48.4S	152.4W	301	10 A	47.5S	149.1W	287	15 B	46.6S	144.3W	282	19 B
JAN 23 70	45.9S	138.6W	279	21 B	45.4S	132.7W	277	22 B	45.0S	126.9W	275	20 A	44.7S	121.7W	273	18 A
JAN 24 70	44.7S	117.4W	269	14 A	44.8S	114.3W	264	9 B	45.0S	112.3W	256	5 A	45.2S	111.3W	242	2 A
JAN 25 70	45.4S	111.1W	164	1 A	45.5S	111.4W	88	2 A	45.4S	112.0W	79	3 A	45.3S	112.9W	76	4 B
JAN 26 70	45.1S	113.9W	74	3 B	44.9S	114.7W	70	3 B	44.7S	115.5W	63	3 A	44.4S	116.2W	54	3 A
JAN 27 70	43.9S	117.0W	47	4 A	43.3S	117.8W	41	5 B	42.5S	118.6W	37	5 A	41.7S	119.4W	33	5 A
JAN 28 70	40.9S	120.0W	27	4 A	40.3S	120.3W	357	3 B	39.9S	119.7W	270	5 A	40.3S	117.6W	251	13 A
JAN 29 70	41.8S	113.2W	245	24 A	44.3S	106.4W	241	31 B	47.3S	99.1W	237	28 A	49.9S	93.6W	230	17 A
JAN 30 70	51.2S	92.2W	113	5 B	50.7S	96.4W	72	22 B	48.8S	104.2W	67	31 A	46.2S	112.5W	64	30 A
JAN 31 70	43.8S	118.4W	53	17 A	42.2S	119.7W	332	7 B	41.3S	117.1W	282	16 B	40.8S	112.2W	274	22 A
FEB 1 70	40.6S	106.5W	272	22 A	40.5S	101.3W	272	19 B	40.4S	97.1W	271	15 B	40.4S	93.9W	267	10 C
FEB 2 70	40.6S	92.1W	250	5 B	41.0S	91.6W	188	3 B	41.6S	91.5W	186	3 A	42.2S	91.0W	230	6 A
FEB 3 70	42.9S	89.0W	253	12 A	43.6S	84.7W	260	20 B	44.3S	78.5W	261	26 A	45.2S	70.8W	260	30 A
FEB 4 70	46.4S	62.4W	258	32 A	47.8S	53.5W	255	32 B	49.4S	44.6W	255	31 A	50.9S	35.8W	256	29 A
FEB 5 70	52.1S	27.1W	260	27 A	52.6S	19.0W	266	24 A	52.6S	11.6W	274	21 A	52.1S	5.4W	285	18 A
FEB 6 70	50.9S	.7W	301	15 B	49.2S	2.3E	323	12 A	47.2S	3.9E	339	11 A	45.3S	4.7E	349	9 A
FEB 7 70	43.7S	5.1E	347	6 B	42.9S	5.6E	323	4 A	42.6S	6.3E	276	3 A	42.7S	7.3E	255	5 A
FEB 8 70	43.0S	8.8E	252	7 B	43.5S	10.8E	253	9 A	44.0S	13.1E	253	10 A	44.6S	15.8E	253	11 A
FEB 9 70	45.2S	18.6E	252	11 B	45.9S	21.5E	251	11 A	46.7S	24.6E	249	12 A	47.6S	28.0E	248	14 A
FEB 10 70	48.7S	31.9E	247	15 A	49.9S	36.4E	247	17 A	51.3S	41.5E	249	19 A	52.6S	47.4E	253	20 A
FEB 11 70	53.6S	54.0E	258	22 A	54.3S	61.3E	264	23 A	54.6S	69.2E	269	24 A	54.4S	77.5E	275	25 B
FEB 12 70	53.7S	86.1E	281	27 B	52.5S	94.8E	285	28 C	51.1S	103.3E	285	28 B	49.8S	111.4E	283	27 A
FEB 13 70	48.8S	119.0E	278	25 A	48.5S	125.8E	271	22 A	48.6S	132.1E	268	21 B	48.7S	138.1E	269	20 A
FEB 14 70	48.6S	144.0E	275	20 A	48.0S	149.9E	281	21 A	47.2S	155.6E	282	19 B	46.6S	160.5E	277	16 A
FEB 15 70	46.5S	164.2E	260	11 A	47.3S	166.4E	225	8 A	48.5S	167.6E	207	8 B	49.8S	168.6E	214	7 A
FEB 16 70	50.6S	170.1E	253	7 A	50.5S	172.6E	283	10 A	49.7S	176.1E	293	14 B	48.4S	179.7W	296	17 A
FEB 17 70	46.9S	175.0W	296	19 A	45.2S	169.9W	293	21 A	43.9S	164.4W	284	22 B	43.2S	158.4W	272	23 A
FEB 18 70	43.7S	151.9W	257	26 A	45.5S	144.8W	246	29 A	48.2S	137.2W	239	31 B	51.5S	129.3W	236	31 B
FEB 19 70	54.8S	121.3W	236	29 C	57.7S	113.3W	238	25 B	60.0S	105.6W	243	22 A	61.5S	98.1W	252	19 A
FEB 20 70	62.2S	91.0W	267	16 A	61.8S	84.4W	285	16 B	60.6S	78.3W	299	17 A	58.8S	72.8W	308	18 A
FEB 21 70	56.4S	67.8W	315	19 A	53.7S	63.4W	318	19 B	50.9S	59.5W	320	19 A	48.2S	55.9W	319	18 A
FEB 22 70	45.9S	52.6W	314	16 A	44.1S	49.5W	302	14 B	43.2S	46.3W	276	13 A	43.7S	42.8W	246	16 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)



100MB GHOST BALLOON 209Q  
00 GMT

				MPS R	06 GMT	MPS R	12 GMT	MPS R	18 GMT	MPS R						
FEB 23 70	45.8S	38.5W	226	23 B	49.8S	33.5W	217	30 B	54.9S	27.5W	214	33 A	60.1S	20.9W	215	31 A
FEB 24 70	64.4S	13.8W	221	25 B	67.2S	6.2W	239	18 B	68.2S	2.0E	266	16 C	67.6S	10.8E	292	19 B
FEB 25 70	65.4S	20.3E	305	26 B	61.9S	30.5E	309	33 A	57.6S	41.0E	309	37 A	53.0S	51.3E	307	39 B
FEB 26 70	48.8S	60.8E	303	36 B	45.4S	69.2E	297	32 A	43.0S	76.7E	290	29 A	41.7S	83.7E	279	26 B
FEB 27 70	41.4S	90.5E	266	26 A	42.3S	97.3E	255	27 A	44.0S	104.3E	249	28 B	46.1S	111.6E	246	29 B
FEB 28 70	48.4S	119.2E	247	29 C	50.4S	127.1E	250	28 B	52.0S	135.1E	255	26 B	52.9S	142.9E	264	24 A
FEB 29 70	53.0S	150.2E	276	22 A	52.0S	156.8E	290	21 A	50.3S	162.3E	303	19 B	48.2S	166.2E	318	15 B
MAR 1 70	46.0S	168.0E	346	11 A	44.1S	167.7E	28	10 A	42.7S	165.9E	55	11 B	41.8S	163.4E	72	10 A
MAR 2 70	41.5S	161.3E	97	6 A	42.0S	160.2E	154	4 A	43.0S	160.2E	195	6 B	44.1S	161.0E	216	7 A
MAR 3 70	45.0S	162.3E	237	7 A	45.5S	164.1E	258	7 A	45.7S	166.2E	269	8 B	45.7S	168.6E	271	9 A
MAR 4 70	45.7S	171.2E	269	10 A	45.8S	174.1E	265	11 A	46.0S	177.3E	265	12 B	46.2S	179.3W	266	13 A
MAR 5 70	46.3S	175.6W	269	14 A	46.2S	171.6W	273	15 A	46.0S	167.3W	278	16 B	45.4S	163.0W	284	17 A
MAR 6 70	44.4S	158.5W	290	18 A	43.0S	154.0W	294	18 A	41.6S	149.5W	292	19 B	40.5S	145.0W	284	18 C
MAR 7 70	40.0S	140.6W	270	18 C	40.5S	136.1W	256	18 C	41.6S	131.8W	246	18 C	43.2S	127.4W	242	18 C
MAR 8 70	44.8S	123.2W	243	17 C	46.2S	119.0W	247	16 C	47.1S	114.9W	256	14 B	47.5S	111.0W	270	13 A
MAR 9 70	47.1S	107.2W	288	14 A	45.9S	103.6W	301	15 B	44.3S	100.1W	306	15 A	42.5S	96.7W	303	15 A
MAR 10 70	41.2S	93.5W	292	13 A	40.6S	90.3W	277	13 B	40.5S	87.0W	268	14 A	40.7S	83.1W	267	16 A
MAR 11 70	40.8S	78.5W	270	20 A	40.7S	72.9W	273	24 B	40.4S	66.3W	273	28 A	40.1S	58.5W	272	33 A
MAR 12 70	40.0S	49.7W	269	37 A	40.4S	39.8W	266	41 B	41.0S	29.1W	265	43 B	41.7S	17.9W	264	44 C
MAR 13 70	42.6S	6.5W	264	44 C	43.4S	4.8E	265	41 C	43.9S	15.4E	267	37 C	43.9S	24.5E	272	31 B
MAR 14 70	43.4S	31.6E	283	22 B	42.1S	36.3E	299	17 A	40.4S	39.7E	305	15 A	38.9S	43.0E	295	17 A
MAR 15 70	37.8S	47.7E	278	24 A	37.6S	54.7E	268	32 A	38.1S	63.3E	264	37 A	39.0S	72.6E	263	37 B
MAR 16 70	39.8S	81.5E	264	33 A	40.3S	89.3E	265	28 A	40.7S	96.0E	266	25 B	41.1S	102.0E	264	22 B
MAR 17 70	41.6S	107.4E	260	21 A	42.4S	112.7E	257	20 A	43.3S	117.7E	258	19 B	43.8S	122.6E	265	18 B
MAR 18 70	43.8S	127.2E	277	17 A	43.1S	131.6E	289	17 A	41.8S	135.5E	297	16 B	40.4S	138.8E	302	13 B
MAR 19 70	39.3S	141.1E	303	8 A	38.6S	142.3E	302	4 A	38.4S	142.8E	303	1 B	38.2S	143.1E	309	1 A
MAR 20 70	38.0S	143.5E	310	3 A	37.4S	144.4E	306	6 A	36.7S	145.8E	298	7 B	36.3S	147.3E	282	7 A
MAR 21 70	36.3S	148.8E	252	6 A	37.0S	150.1E	226	7 A	38.1S	151.4E	220	8 B	39.4S	152.9E	226	9 A
MAR 22 70	40.4S	154.7E	243	9 A	40.9S	156.9E	261	10 A	41.1S	159.8E	270	13 B	41.0S	163.5E	272	16 A
MAR 23 70	40.9S	167.9E	271	19 A	40.9S	173.2E	270	22 A	40.9S	178.9E	271	23 B	40.7S	175.4W	275	22 A
MAR 24 70	40.0S	170.1W	283	20 A	38.9S	165.5W	292	18 A	37.6S	161.7W	295	16 B	36.4S	158.3W	291	15 A
MAR 25 70	35.7S	155.1W	278	13 A	35.7S	151.9W	262	14 A	36.3S	148.6W	252	15 B	37.4S	145.0W	248	16 A
MAR 26 70	38.6S	141.2W	248	17 A	39.8S	137.0W	251	19 B	40.9S	132.3W	255	20 B	41.7S	127.1W	261	21 A
MAR 27 70	42.2S	121.4W	267	23 A	42.2S	115.0W	272	25 B	41.9S	108.3W	274	26 B	41.5S	101.3W	273	27 A
MAR 28 70	41.4S	94.4W	270	27 A	41.5S	87.6W	267	26 B	41.8S	80.9W	266	26 A	42.2S	74.2W	266	26 A
MAR 29 70	42.4S	67.2W	269	27 A	42.4S	59.9W	271	28 B	42.2S	52.5W	271	28 A	42.2S	45.0W	270	28 A
MAR 30 70	42.4S	37.8W	265	27 B	43.0S	30.9W	260	26 B	44.0S	24.2W	257	25 A	45.2S	17.6W	255	25 A
MAR 31 70	46.4S	10.9W	256	25 B	47.6S	4.0W	257	25 B	48.6S	3.1E	258	25 C	49.6S	10.4E	259	25 C
APR 1 70	50.5S	17.8E	259	25 C	51.4S	25.4E	260	25 D	52.2S	33.0E	260	25 D	52.9S	40.8E	261	24 D
APR 2 70	53.6S	48.6E	263	24 D	54.2S	56.6E	264	24 D	54.6S	64.7E	265	24 C	54.9S	72.9E	267	25 C
APR 3 70	55.1S	81.3E	269	25 C	55.1S	89.8E	271	25 C	54.9S	98.3E	272	25 C	54.7S	106.8E	273	25 C
APR 4 70	54.4S	115.2E	274	25 C	54.1S	123.3E	275	24 C	53.7S	131.3E	275	24 B	53.2S	139.2E	276	25 B
APR 5 70	52.7S	147.2E	276	25 A	52.3S	159.3E	275	25 A	52.0S	163.2E	271	24 B	52.3S	170.4E	262	21 A
APR 6 70	53.3S	176.5E	246	19 A	55.2S	178.6W	228	18 A	57.7S	174.2W	222	18 B	60.2S	169.7W	226	18 A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 209Q  
00 GMT

			MPS	R	06 GMT	MPS	R	12 GMT	MPS	R	18 GMT	MPS	R		
APR 7 70	62.2S	164.0W	241	18	A	63.5S	156.7W	257	19	B	63.9S	148.2W	269	20	B
APR 8 70	63.0S	131.4W	284	18	A	62.0S	124.4W	290	17	B	60.8S	118.3W	293	16	B
APR 9 70	58.7S	107.2W	285	16	A	58.1S	101.3W	278	17	B	57.8S	95.1W	273	18	C
APR 10 70	57.9S	81.8W	267	19	C	58.1S	74.7W	266	20	C	58.4S	67.4W	265	20	D
APR 11 70	59.1S	52.2W	265	21	C	59.4S	44.2W	266	21	C	59.7S	35.8W	268	22	C
APR 12 70	59.5S	18.0W	274	25	B	59.0S	8.3W	277	26	A	58.3S	1.5E	279	27	A
APR 13 70	56.3S	20.6E	283	27	B	55.1S	29.3E	284	25	A	53.9S	37.1E	286	23	A

AUG 30 70	54.3S	7.2E	282	46	B	52.7S	22.3E	279	48	A	51.4S	37.8E	277	51	A
AUG 31 70	49.9S	69.7E	272	54	B	49.7S	86.1E	270	55	C	49.9S	102.7E	268	55	C
SEP 1 70	51.6S	136.4E	263	55	C	53.0S	153.4E	261	53	B	54.8S	170.5E	260	52	B
SEP 2 70	58.4S	154.9W	260	48	A	59.9S	137.4W	261	46	B	61.1S	119.8W	263	44	B
SEP 3 70	62.8S	85.0W	266	41	C	63.2S	68.0W	268	39	C	63.3S	51.4W	271	38	C
SEP 4 70	61.9S	20.1W	281	37	B	60.3S	5.6W	285	37	A	58.2S	8.1E	287	38	A
SEP 5 70	54.3S	32.7E	283	35	B	53.2S	43.7E	277	33	A	52.7S	53.8E	271	30	A
SEP 6 70	53.9S	72.1E	255	27	B	55.6S	80.6E	248	26	C	57.5S	89.0E	246	25	C
SEP 7 70	60.4S	105.9E	263	23	C	60.4S	114.9E	275	23	C	59.7S	124.0E	282	24	C
SEP 8 70	57.7S	140.1E	280	19	C	57.3S	146.5E	273	16	C	57.4S	152.0E	264	15	C
SEP 9 70	58.7S	163.1E	254	17	C	59.6S	169.7E	254	19	B	60.6S	177.6E	257	23	B
SEP 10 70	62.1S	161.1W	267	31	A	62.2S	147.4W	271	35	B	61.7S	132.8W	276	35	B
SEP 11 70	58.7S	107.6W	294	28	A	56.1S	99.6W	308	24	B	53.2S	93.7W	311	23	A
SEP 12 70	48.6S	80.8W	283	30	B	47.9S	70.7W	271	40	B	48.3S	58.1W	264	46	C
SEP 13 70	51.4S	30.2W	256	46	B	53.7S	16.6W	254	42	A	55.8S	3.4W	255	39	A
SEP 14 70	58.0S	22.5E	271	36	B	57.3S	35.8E	279	38	A	55.9S	49.4E	280	40	A
SEP 15 70	54.9S	77.1E	263	42	A	56.7S	91.2E	253	42	A	59.3S	105.9E	251	42	B
SEP 16 70	62.6S	138.5E	271	42	C	61.3S	157.1E	284	49	C	58.2S	177.0E	288	58	C
SEP 17 70	51.0S	142.7W	284	66	C	48.6S	123.5W	279	65	C	47.2S	105.2W	274	63	C
SEP 18 70	47.0S	70.9W	267	58	C	47.8S	54.8W	264	55	C	49.0S	39.6W	262	50	C
SEP 19 70	52.3S	12.9W	256	38	B	54.1S	1.8W	254	33	A	55.9S	8.7E	254	32	A
SEP 20 70	58.8S	32.0E	261	36	B	59.7S	46.6E	265	40	A	60.0S	62.6E	270	42	A
SEP 21 70	58.9S	95.0E	279	41	B	57.4S	109.6E	283	40	A	55.6S	123.4E	283	41	B
SEP 22 70	53.1S	151.2E	273	46	A	53.2S	166.6E	267	49	A	54.1S	177.0W	263	51	B
SEP 23 70	56.6S	141.9W	264	51	A	57.5S	123.8W	266	51	B	58.1S	105.4W	267	50	A
SEP 24 70	59.2S	68.3W	266	49	A	59.8S	49.7W	266	48	B	60.3S	31.4W	268	46	C
SEP 25 70	59.8S	4.2E	277	45	B	58.4S	21.1E	282	45	A	56.2S	37.1E	285	46	A
SEP 26 70	51.4S	65.8E	285	44	B	49.3S	78.3E	283	41	A	47.8S	89.8E	280	38	A
SEP 27 70	46.5S	110.4E	269	35	B	47.0S	120.2E	263	35	C	48.1S	130.1E	259	35	C
SEP 28 70	51.4S	151.8E	256	40	C	53.4S	164.3E	256	41	B	55.3S	177.7E	256	41	B
SEP 29 70	58.9S	155.5W	256	35	A	60.4S	142.7W	258	33	A	61.6S	130.1W	260	32	B
SEP 30 70	63.0S	101.8W	268	37	B	63.0S	84.9W	271	42	B	62.7S	66.4W	273	45	A
OCT 1 70	61.1S	26.7W	276	50	B	59.9S	6.9W	277	51	A	58.7S	12.3E	278	50	A
OCT 2 70	56.3S	46.0E	277	43	A	55.3S	59.7E	276	38	A	54.6S	71.8E	275	34	A
OCT 3 70	53.7S	93.7E	273	34	B	53.5S	105.0E	271	36	C	53.4S	117.0E	270	38	C

RELIABILITY INDEX, R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 209Q  
00 GMT

	00 GMT				06 GMT				12 GMT				18 GMT							
			MPS	R			MPS	R			MPS	R			MPS	R				
OCT 4 70	53.9S	143.1E	267	42	C	54.5S	157.5E	265	45	B	55.3S	173.1E	265	48	B	56.1S	169.9W	266	52	A
OCT 5 70	56.8S	151.0W	267	56	A	57.4S	130.4W	268	59	A	57.8S	109.1W	269	58	B	57.9S	88.7W	270	53	A
OCT 6 70	57.8S	70.5W	271	45	A	57.5S	55.8W	273	36	B	57.3S	44.2W	272	29	A	57.3S	35.1W	266	22	A
OCT 7 70	58.0S	28.0W	252	18	B	59.4S	22.1W	240	17	A	61.0S	16.5W	242	17	A	62.2S	9.8W	258	18	A
OCT 8 70	62.3S	1.1W	279	25	B	60.8S	10.6E	288	34	A	58.5S	24.5E	287	41	A	56.3S	39.7E	282	45	A
OCT 9 70	55.3S	55.0E	271	44	A	56.1S	69.7E	259	42	A	58.1S	84.0E	252	40	A	60.5S	98.1E	251	33	B
OCT 10 70	62.6S	112.4E	257	35	B	63.5S	127.1E	267	34	C	63.3S	141.6E	277	33	B	62.1S	155.2E	286	32	A
OCT 11 70	59.9S	167.2E	296	31	A	57.0S	177.2E	303	30	A	53.8S	174.6W	304	28	B	51.2S	167.5W	297	24	A
OCT 12 70	49.8S	160.9W	278	22	A	50.0S	154.2W	258	23	A	51.5S	147.0W	248	26	B	53.6S	138.8W	246	29	A
OCT 13 70	55.9S	129.4W	250	31	A	57.8S	118.4W	256	33	A	59.2S	106.0W	260	35	B	60.2S	92.5W	263	36	C
OCT 14 70	60.9S	78.2W	265	37	C	61.3S	63.5W	268	37	C	61.5S	48.6W	271	37	C	61.2S	33.9W	274	36	B
OCT 15 70	60.5S	19.7W	278	35	B	59.2S	6.3W	282	35	A	57.7S	6.4E	283	35	A	56.2S	18.3E	283	34	A
OCT 16 70	54.8S	29.5E	281	33	A	53.8S	40.2E	277	32	A	53.3S	50.6E	272	32	A	53.3S	61.0E	267	33	B
OCT 17 70	53.9S	71.9E	262	34	B	55.2S	83.3E	257	36	C	57.0S	95.4E	254	36	C	59.0S	108.2E	252	36	C
OCT 18 70	61.2S	121.6E	252	36	C	63.3S	135.6E	253	35	C	65.1S	150.1E	255	33	B	66.5S	165.2E	260	32	B
OCT 19 70	67.3S	179.3W	266	31	A	67.4S	163.4W	272	32	A	66.9S	147.2W	277	34	B	65.8S	130.5W	281	36	B
OCT 20 70	64.3S	113.4W	283	39	B	62.5S	96.0W	283	43	B	60.6S	78.4W	283	46	A	58.7S	60.9W	281	47	A
OCT 21 70	57.1S	43.7W	279	48	A	55.9S	27.1W	276	47	A	55.4S	11.2W	271	45	A	55.7S	3.7E	265	42	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 234Z					06 GMT					12 GMT					18 GMT					
00 GMT					MPS	R						MPS	R						MPS	R
MAR 3 70	36.3S	178.4W	255	4	A	36.5S	177.5W	266	4	A	36.4S	176.5W	284	4	B	36.1S	175.6W	298	4	A
MAR 4 70	35.6S	174.7W	308	4	A	35.1S	174.0W	317	4	A	34.4S	173.3W	325	4	B	33.8S	172.9W	335	3	A
MAR 5 70	33.2S	172.7W	350	3	A	32.8S	172.6W	344	2	A	32.4S	172.2W	293	3	B	32.2S	170.9W	274	8	A
MAR 6 70	32.2S	168.3W	268	16	A	32.4S	163.9W	268	21	A	32.3S	159.1W	273	20	B	31.8S	155.2W	289	13	A
MAR 7 70	30.5S	153.8W	9	10	A	28.3S	155.8W	49	20	B	25.7S	159.8W	57	24	B	23.6S	163.7W	61	17	A
MAR 8 70	22.8S	165.5W	140	1	A	23.8S	163.8W	239	18	B	26.1S	159.3W	241	28	B	28.9S	153.5W	243	31	A
MAR 9 70	31.2S	147.6W	249	26	A	32.5S	142.6W	259	20	A	32.8S	138.6W	269	16	B	32.7S	135.0W	274	15	A
MAR 10 70	32.5S	131.5W	272	16	A	32.5S	127.7W	269	17	A	32.6S	123.8W	269	17	A	32.6S	119.9W	273	17	A
MAR 11 70	32.2S	116.2W	282	16	A	31.3S	112.7W	291	16	B	30.0S	109.6W	296	15	A	28.8S	106.6W	296	14	A
MAR 12 70	27.7S	103.9W	290	13	A	27.1S	101.3W	279	12	B	27.0S	98.6W	266	12	A	27.4S	95.8W	255	14	A
MAR 13 70	28.4S	92.8W	247	16	A	29.8S	89.4W	243	18	B	31.5S	85.6W	243	19	A	33.1S	81.5W	247	20	A
MAR 14 70	34.3S	77.2W	255	19	A	35.0S	72.7W	264	20	B	35.1S	67.9W	271	20	A	34.9S	62.9W	275	22	A
MAR 15 70	34.4S	57.6W	277	24	A	33.8S	51.9W	277	25	B	33.2S	46.0W	277	26	A	32.5S	40.0W	277	26	A
MAR 16 70	31.9S	34.0W	276	26	A	31.4S	28.1W	276	25	B	31.0S	22.6W	275	24	C	30.6S	17.5W	274	21	B
MAR 17 70	30.4S	13.2W	274	17	B	30.2S	9.6W	273	14	A	30.1S	6.8W	272	11	A	30.0S	4.4W	272	10	A
MAR 18 70	30.0S	2.3W	271	9	B	29.9S	.2W	272	9	A	29.8S	1.8E	274	9	A	29.7S	3.9E	276	9	B
MAR 19 70	29.4S	6.0E	280	10	B	29.1S	8.2E	282	10	A	28.7S	10.3E	281	10	A	28.4S	12.4E	278	9	A
MAR 20 70	28.2S	14.4E	271	9	B	28.3S	15.2E	259	8	A	28.8S	17.8E	241	7	A	29.7S	19.0E	218	8	A

RELIABILITY INDEX,R, RANGES FROM A(GOOD) TO D(POOR)

100MB GHOST BALLOON 235A  
00 GMT

					06 GMT					12 GMT					18 GMT					
					MPS R					MPS R					MPS R					
APR 3 70	41.1S	169.1W	339	8	A	39.7S	168.6W	339	10	A	37.5S	167.4W	335	14	B	34.7S	165.8W	334	17	A
APR 4 70	31.6S	163.9W	334	19	A	28.3S	162.1W	336	19	A	25.0S	160.6W	340	17	B	22.0S	159.6W	349	14	A
APR 5 70	19.6S	159.5W	9	11	A	17.8S	160.3W	41	9	A	16.8S	161.9W	72	9	B	16.7S	163.8W	100	10	A
APR 6 70	17.5S	165.7W	126	11	A	19.1S	167.3W	143	12	A	21.0S	168.7W	146	11	B	22.5S	169.9W	133	8	A
APR 7 70	22.8S	171.1W	66	6	A	21.5S	172.2W	30	12	A	19.0S	173.5W	24	16	B	16.0S	174.9W	25	17	A
APR 8 70	13.2S	176.4W	32	15	A	11.1S	178.1W	46	12	A	9.9S	179.9W	66	10	B	9.6S	178.4E	98	8	A
APR 9 70	10.4S	177.0E	135	9	A	12.1S	175.8E	154	12	B	14.3S	174.8E	159	12	B	16.3S	174.0E	156	10	A
APR 10 70	17.5S	173.2E	127	5	A	17.4S	172.4E	54	5	A	16.5S	171.6E	33	7	B	15.2S	170.8E	29	7	A
APR 11 70	14.2S	170.2E	35	5	A	13.8S	169.7E	78	2	A	13.9S	169.4E	140	2	B	14.3S	169.2E	149	2	A
APR 12 70	14.6S	168.9E	126	2	A	14.7S	168.6E	81	2	A	14.6S	168.1E	62	3	B	14.3S	167.7E	56	3	A
APR 13 70	14.0S	167.2E	58	3	A	13.7S	166.6E	68	3	A	13.6S	166.1E	86	3	B	13.6S	165.5E	109	3	A
APR 14 70	14.0S	164.8E	127	5	A	14.7S	164.0E	136	6	A	15.5S	163.3E	142	5	B	16.0S	162.9E	152	2	A
APR 15 70	16.0S	163.0E	309	3	A	15.4S	163.7E	316	7	A	14.3S	164.7E	317	8	B	13.2S	165.8E	316	7	A
APR 16 70	12.4S	166.6E	312	4	A	12.2S	167.0E	251	1	A	12.3S	166.9E	158	1	B	12.4S	166.9E	330	1	A
APR 17 70	12.0S	167.2E	328	5	A	10.9S	167.9E	325	9	A	9.4S	169.1E	320	11	B	7.9S	170.6E	310	11	A
APR 18 70	6.8S	172.3E	292	10	A	6.5S	174.1E	270	9	A	6.7S	175.8E	257	9	B	7.1S	177.5E	253	9	A
APR 19 70	7.5S	179.0E	259	7	A	7.7S	179.7W	269	6	A	7.7S	178.6W	267	6	B	7.9S	177.4W	254	6	A
APR 20 70	8.5S	176.1W	237	9	A	9.6S	174.6W	231	11	A	11.0S	172.8W	236	11	B	12.0S	170.8W	252	11	A
APR 21 70	12.1S	168.7W	281	11	A	11.1S	166.4W	306	14	A	9.0S	164.2W	320	16	B	6.4S	162.3W	329	17	A
APR 22 70	3.4S	160.8W	338	17	A	.5S	159.9W	344	15	A	2.2N	159.1W	343	14	B	4.7N	158.1W	331	14	A
APR 23 70	6.8N	156.4W	311	15	A	8.5N	153.7W	295	17	A	9.7N	150.4W	288	19	B	10.7N	146.9W	285	18	A
APR 24 70	11.5N	143.7W	285	15	A	12.2N	141.2W	284	11	B	12.4N	139.6W	267	6	B	11.9N	138.8W	203	5	A
APR 25 70	10.5N	138.8W	167	11	A	7.9N	139.6W	161	16	B	4.7N	140.7W	162	17	B	1.7N	141.5W	171	14	A
APR 26 70	.5S	141.4W	207	9	A	1.3S	140.0W	263	9	B	1.1S	138.1W	289	10	B	.2S	136.6W	317	7	A
APR 27 70	.8N	136.5W	43	7	A	1.6N	138.4W	78	14	B	2.0N	141.6W	88	18	B	1.8N	145.1W	97	17	A
APR 28 70	1.1N	147.9W	117	12	A	.2S	149.2W	159	9	B	1.9S	149.2W	197	9	B	3.4S	148.3W	222	9	A
APR 29 70	4.4S	146.9W	246	8	A	4.7S	145.4W	272	8	A	4.4S	143.9W	287	7	B	4.0S	142.7W	292	6	A
APR 30 70	3.7S	141.7W	279	4	A	3.7S	141.1W	246	2	B	3.9S	140.8W	249	2	B	3.9S	140.4W	301	3	A
MAY 1 70	3.2S	139.7W	321	7	A	1.8S	138.7W	327	11	A	.0N	137.6W	331	11	B	1.6N	136.8W	340	7	A
MAY 2 70	2.3N	136.8W	83	3	A	1.7N	137.8W	136	9	B	.1N	138.8W	163	11	B	2.2S	138.6W	204	13	A
MAY 3 70	4.5S	136.2W	239	23	A	6.7S	130.9W	253	35	B	8.4S	123.8W	259	39	B	9.5S	116.5W	263	34	A
MAY 4 70	10.0S	110.9W	270	22	A	9.6S	108.0W	291	9	B	8.8S	107.2W	358	5	B	7.9S	107.5W	32	5	A
MAY 5 70	7.3S	107.9W	359	2	A	7.3S	107.4W	256	5	B	7.8S	106.0W	247	10	A	8.8S	103.7W	244	14	A
MAY 6 70	10.2S	100.9W	242	18	A	11.9S	97.5W	243	20	B	13.7S	94.0W	245	20	A	15.1S	90.4W	251	18	A
MAY 7 70	15.8S	87.1W	264	15	A	15.7S	84.3W	282	13	B	14.9S	81.9W	298	12	A	13.6S	80.1W	312	11	A
MAY 8 70	12.1S	78.6W	321	10	A	10.6S	77.5W	327	8	B	9.4S	76.7W	325	6	A	8.8S	76.1W	298	3	A
MAY 9 70	8.9S	75.5W	224	4	A	9.9S	74.9W	206	8	B	11.5S	74.1W	208	10	A	13.2S	73.0W	219	10	A
MAY 10 70	14.5S	71.5W	241	10	A	15.1S	69.4W	262	11	B	15.2S	67.2W	271	11	A	15.2S	65.2W	271	9	A
MAY 11 70	15.3S	63.6W	255	6	A	15.8S	62.7W	220	5	B	16.6S	62.2W	200	5	A	17.5S	61.9W	207	4	A
MAY 12 70	18.1S	61.3W	241	5	A	18.4S	60.2W	268	7	B	18.2S	58.7W	281	8	A	17.8S	57.1W	290	8	A
MAY 13 70	17.2S	55.6W	299	8	A	16.4S	54.4W	314	6	B	15.5S	53.8W	348	5	A	14.6S	54.1W	40	6	A

RELIABILITY INDEX, R, RANGES FROM A (GOOD) TO D (POOR)

