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Appendix D:  
Lander, WY, Radiosonde Soundings  
Listings and Plots  
(11 April 1989 missing)

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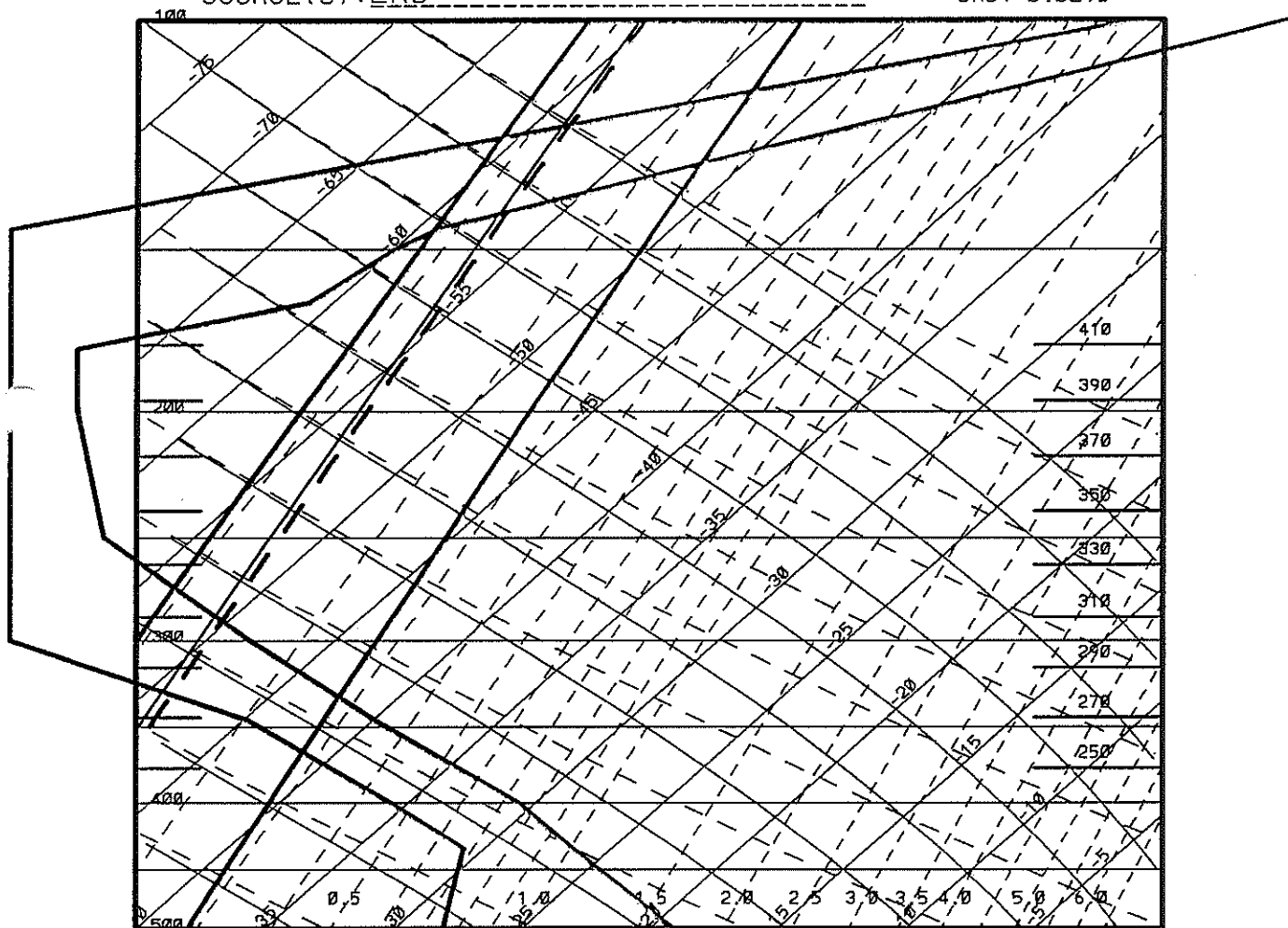
P (mb)  
 MAR 89  
 2Z  
 LND

	<u>geom. altitude</u>	<u>T [°C]</u>	<u>DP [°C]</u>	<u>wind</u>
832		-5.1	-11.1	250/004
829		-2.7	-14.7	
807		-.9	-14.9	
755		-.5	-30.5	
700	10100	-4.5	-34.5	290/013
588		-13.7	-43.7	
552		-14.3	-44.3	
528		-16.1	-33.1	
521		-16.9	-23.9	
500	18500	-19.1	-28.1	310/033
434		-26.5	-30.8	
400	23900	-30.7	-35.7	320/053
346		-39.9	-44.8	
300	30300	-48.3		325/064
250	34200	-58.5		325/071
200	38700	-65.1		335/055
179		-67.9		
165		-60.9		
150	44500	-59.9		300/035
145		-59.1		
100	38200	.0	-41.0	100/194
70	59900	-61.9		300/017
50	66800	-62.7		315/014
30	77200	-60.7		060/003

DATE: 21 MAR 89 TIME: 12Z

SOURCE(S).LND

DRDT=0.0295



MAR 89

1ZZ

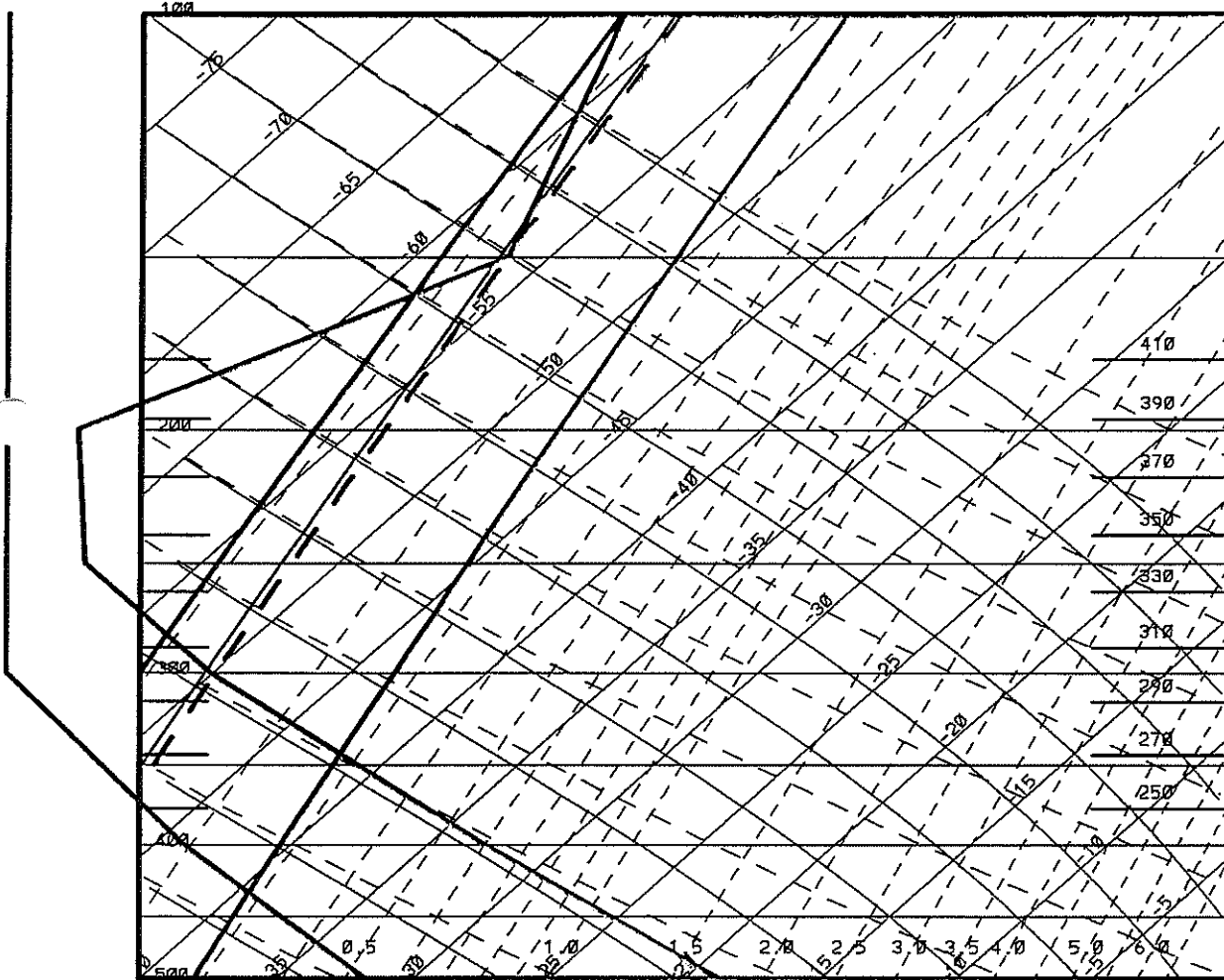
LND

825		.0	-4.4	130/008
821		3.4	-7.6	
818				
700	9900	-2.5	-12.5	270/012
500	18400	-18.7	-31.7	285/045
400	23700	-32.9	-43.9	285/053
300	30100	-50.1		300/044
250	33900	-59.3		290/060
200	38500	-65.1		280/062
150	44400	-56.5		285/049
100	52800	-62.3		280/026
70	60000	-62.3		300/015
50	66900			

DATE: 22 MAR 89 TIME: 12Z

SOURCE(S) LND

DRDT=0.0295



MAR 89

12Z

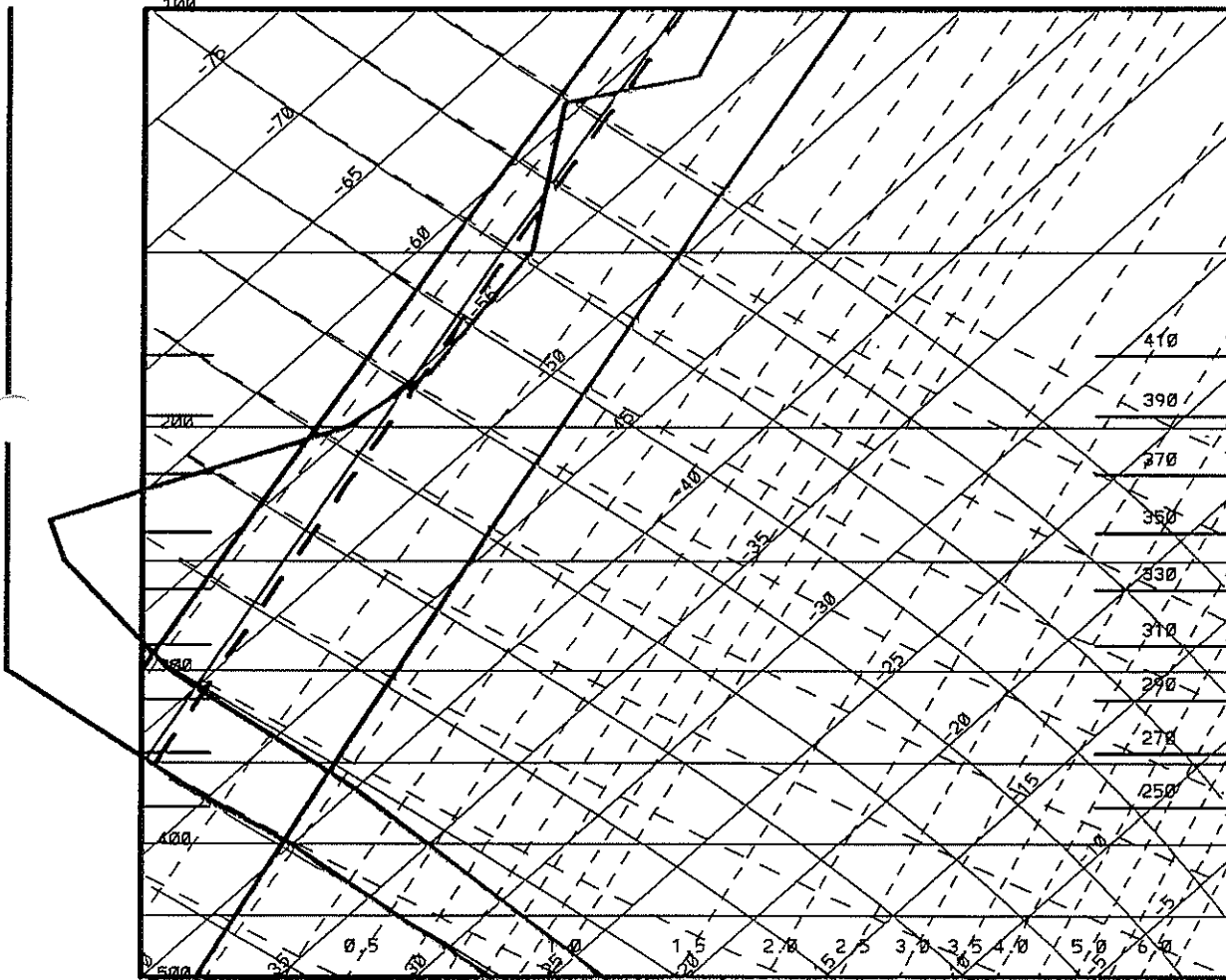
LND

823		-1.7	-5.5	340/006
795		3.4	-8.6	
700	9800	-4.1	-12.1	280/020
681		-4.3	-14.3	
500	18200	-23.1	-27.2	260/045
400	23500	-35.1	-40.1	255/058
366		-39.9	-45.9	
300	29900	-51.7		245/070
250	33700	-60.1		245/063
234		-62.3		
200	38300	-55.3		260/047
183		-54.5		
150	44300	-55.7		270/025
117		-60.7		
112		-56.9		
100	52700	-58.3		255/025

DATE. 23 MAR 89 TIME. 12Z

SOURCE(S).LND

DRDT=0.0295



MAR 89  
Z  
LND

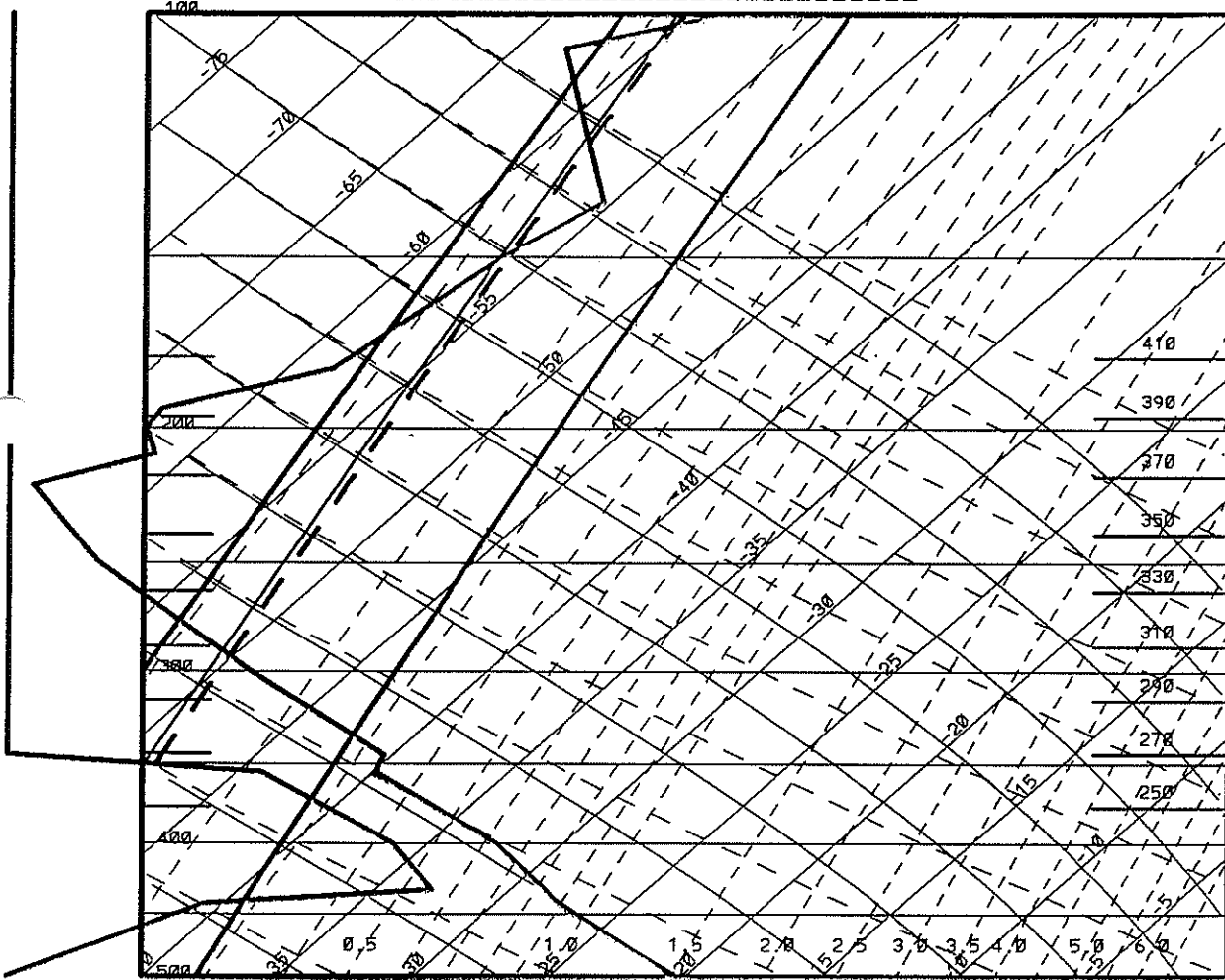
825		1.0	-4.0	120/003
821		.4	-8.6	
780		-2.7	-6.0	
754		-2.3	-7.3	
745		.4	-10.6	
700	9800	-3.9	-13.9	275/030
612		-12.7	-17.2	
599		-11.7	-18.7	
500	18300	-20.3	-50.3	290/036
443		-27.7	-40.7	
433		-28.7	-32.9	
400	23600	-32.5	-36.3	280/051
355		-39.9	-44.1	
345		-40.3		
300	30000	-48.7		265/057
250	33800	-58.9		265/053
220		-64.5		
209		-61.3		
200	38400	-62.7		265/061
194		-62.9		
181		-58.3		
150	44300	-56.7		275/046
137		-55.3		
106		-63.1		
100	52600	-58.5		275/030
70	59900	-62.9		260/019
50	66800	-60.5		255/003
30	77200	-60.7		260/009
20	85600	-55.5		



DATE. 24 MAR 89 TIME. 12Z

SOURCE(S). LND

DRDT=0.0295



APR 89

12Z

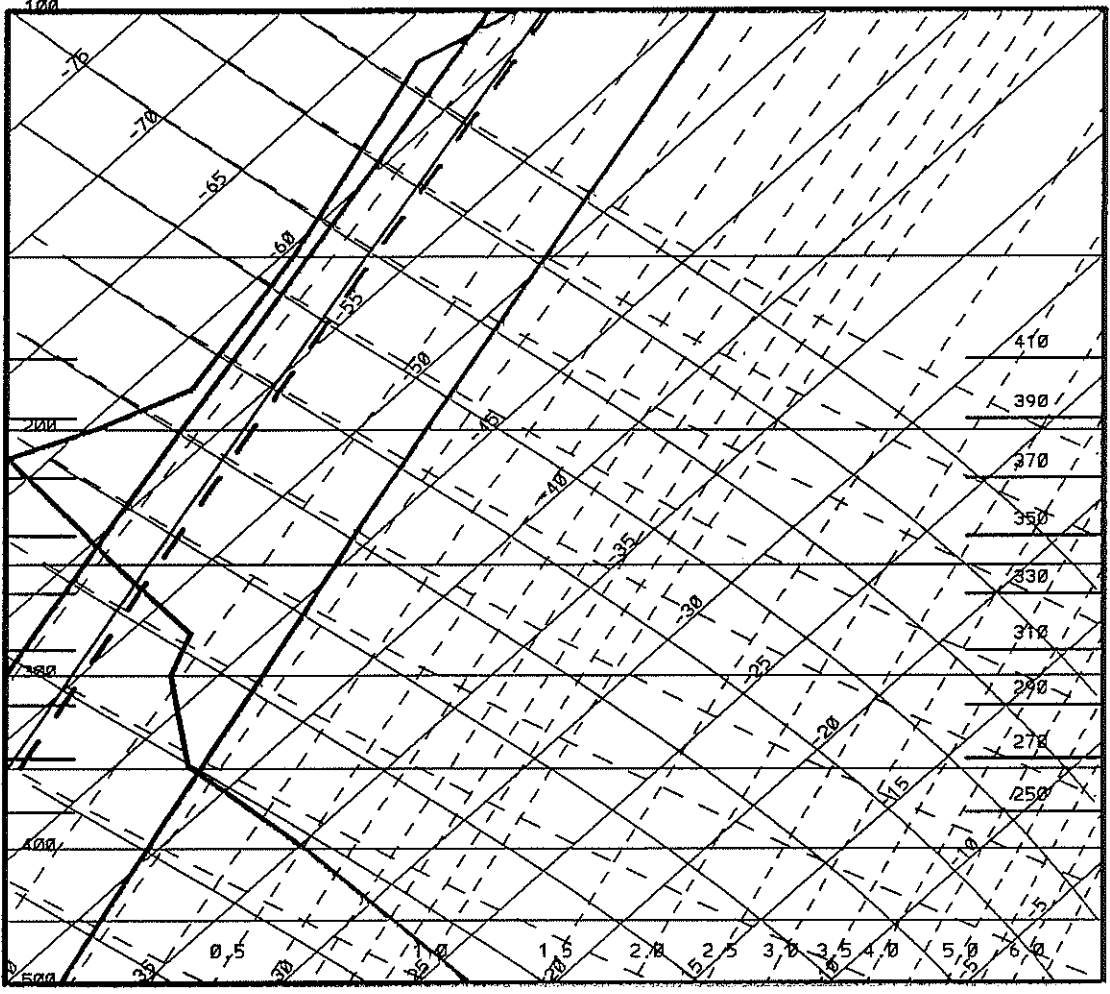
LND

838		-9.3	-16.3	250/008
827		-7.5	-18.5	
730		-12.9	-20.9	
700	10100	-8.5	-38.5	305/008
647		-11.9	-41.9	
631		-11.1	-41.1	
500	18500	-23.1	-53.1	345/038
400	23700	-34.7	-64.7	340/051
364		-39.9	-53.9	
349		-42.3		
300	30100	-46.7		325/095
280		-47.7		
250	34100	-53.3		320/124
210		-61.5		
200	38700	-59.5		325/089
187		-57.7		
150	44600	-59.5		320/054
109		-62.9		
100	52800	-61.3		320/050
70	60100	-61.3		305/021
50	66900	-59.3		220/007
30	77500	-56.3		290/009
20	86100	-49.7		195/017

DATE. 10 APR 89 TIME. 12Z

SOURCE(S).LND

DRDT=0.0295



APR 89

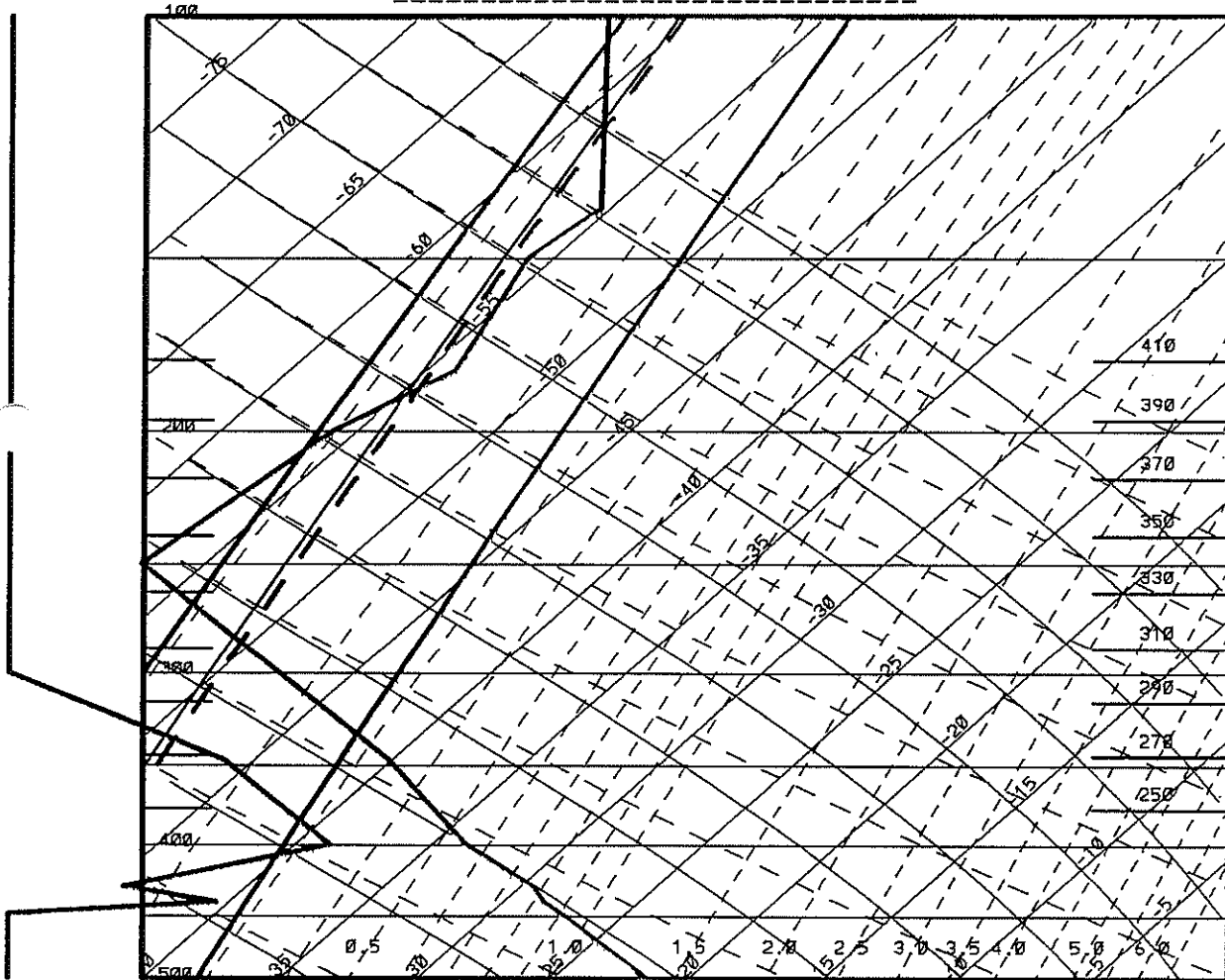
ZZZ  
LND

830		2.2	-9.8	250/008
827		3.0	-15.0	
819		3.8	-16.2	
752		.0	-19.0	
700	10000	-4.5	-18.5	020/012
663		-8.3	-20.3	
606		-12.5	-19.5	
583		-14.5	-22.5	
563		-15.7	-45.7	
500	18400	-21.5	-51.5	020/012
449		-27.3	-57.3	
440		-28.5	-40.5	
429		-29.5	-44.5	
400	23700	-33.7	-38.7	055/009
347		-40.1	-46.1	
300	30200	-47.7		030/012
250	34000	-57.3		020/014
200	38700	-55.9		355/020
181		-53.9		
150	44700	-55.9		345/017
138		-55.3		
100	53000	-63.1		350/020

DATE. 12 APR 89 TIME. 12Z

SOURCE(S): LND

DRDT=0.0295



APR 89

12Z

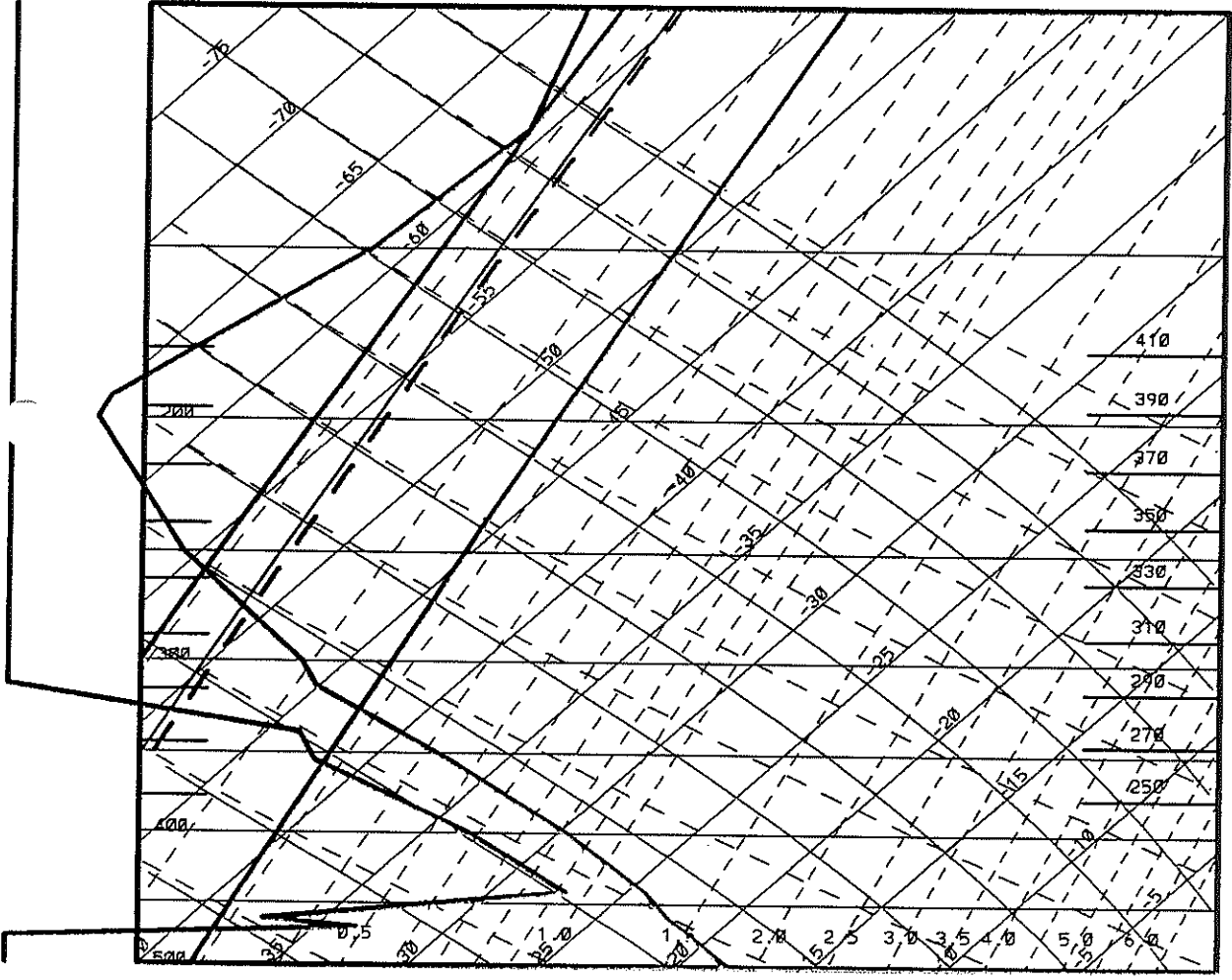
LND

830		3.8	-11.2	230/003
827		6.2	-23.8	
805		7.0	-23.0	
700	10100	-1.1	-19.1	280/002
635		-5.7	-35.7	
588		-7.5	-37.5	
500	18600	-18.1	-48.1	330/025
478		-20.5	-50.5	
469		-21.5	-33.5	
462		-22.3	-37.3	
442		-24.3	-27.2	
400	24000	-29.7	-33.3	335/031
354		-37.1	-42.1	
338		-40.1	-43.8	
313		-45.1		
300	30500	-46.7		335/039
250	34400	-55.7		345/051
200	38900	-64.5		350/056
193		-64.9		
150	44800	-61.5		340/035
123		-60.7		
100	53000	-63.7		330/019
91		-61.5		
82		-64.1		
70	60200	-62.5		335/013
55		-61.5		

DATE. 13 APR 89 TIME. 12Z

SOURCE(S). LND

DRDT=0.0295



APR 89

12Z

LND

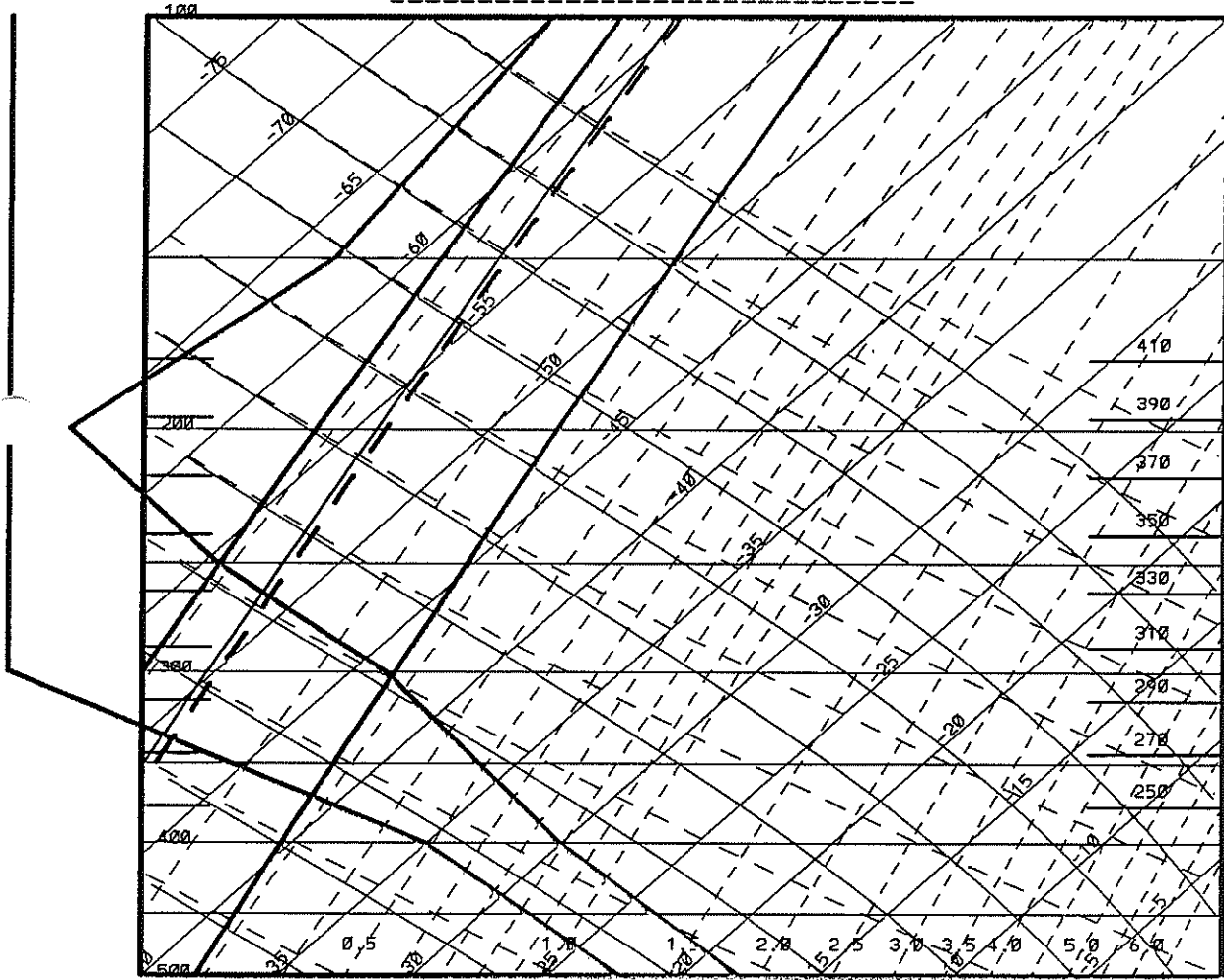
830		8.2	-7.8	240/006
820		9.8	-10.2	
777		8.6	-13.4	
700	10100	2.8	-15.2	310/013
641		-2.9	-14.9	
500	18700	-17.9	-22.3	310/030
400	24100	-30.1	-35.1	315/041
300	30600	-43.7		315/056
250	34500	-54.5		325/060
200	39100	-65.5		330/073
150	44900	-62.9		330/057
100	53100	-64.9		330/034



DATE. 14 APR 89 TIME. 12Z

SOURCE(S).LND

DRDT=0.0295



APR 89

1ZZ

DEN

835		11.2	1.2	170/002
822		13.0	.0	
807		11.8	-.2	
797		14.8	-1.2	
760		16.6	-13.4	
700	10200	11.6	-18.4	315/010
592		.0	-11.0	
514		-9.5	-12.1	
500	19000	-11.3	-14.7	295/042
473		-14.7	-20.7	
462		-15.7	-28.7	
451		-17.1	-28.1	
445		-17.7	-24.7	
442		-18.1	-30.1	
405		-22.1	-39.1	
400	24500	-22.7	-33.7	290/035
365		-26.9	-33.9	
300	31300	-37.1	-43.1	300/051
282		-40.1	-47.1	
250	35300	-46.7		295/072
200	40000	-59.3		295/081
165		-68.5		
150	45800	-65.1		310/060
100	53800	-68.1		295/057

DATE: 20 APR 89 TIME: 12Z

SOURCE(S), DEN

