72364 EPZ Santa Teresa Observations at 00Z 04 Jan 2016

PRES hPa	HGHT m	TEMP C	DWPT C	RELH %	MIXR g/kg	DRCT deg	SKNT knot	THTA K	THTE K	THTV K
1000.0	216									
925.0	857									
881.0	1252	8.6	-0.4	53	4.24	145	5	292.1	304.7	292.9
877.0	1290	7.8	-2.2	49	3.73	146	5	291.7	302.8	292.3
850.0	1548	5.2	-2.8	56	3.68	155	5	291.6	302.6	292.2
827.0	1771	3.2	-2.8	65	3.78	143	7	291.8	303.0	292.4
821.1	1829	3.0	-4.0	60	3.49	140	8	292.2	302.7	292.8
804.0	2000	2.6	-7.4	48	2.74	132	12	293.5	301.9	294.0
790.8	2134	3.0	-14.1	27	1.63	125	16	295.3	300.4	295.6
789.0	2152	3.0	-15.0	25	1.52	125	15	295.5	300.3	295.8
782.0	2224	3.6	-16.4	22	1.36	125	12	296.9	301.3	297.1
775.0	2297	4.8	-10.2	33	2.28	125	9	298.9	306.2	299.4
768.0	2371	4.4	-8.6	38	2.61	125	6	299.3	307.5	299.8
763.0	2424	4.4	-0.1	73	5.00	125	4	299.9	315.1	300.8
761.7	2438	4.3	-0.1	73	4.99	125	3	299.9	315.1	300.8
751.0	2553	3.8	-0.6	73	4.90	161	5	300.6	315.5	301.4
744.0	2629	3.6	-3.4	60	4.02	185	6	301.1	313.6	301.9
739.0	2684	3.8	-14.2	26	1.73	202	7	301.9	307.6	302.3
733.6	2743	3.5	-11.4	33	2.18	220	8	302.2	309.2	302.6
732.0	2761	3.4	-10.6	35	2.34	223	8	302.3	309.8	302.8
727.0	2817	3.8	-27.2	8	0.57	231	8	303.4	305.4	303.5
707.0	3043	2.8	-26.2	10	0.64	263	7	304.7	306.9	304.8
700.0	3123	2.2	-18.8	19	1.24	275	7	304.9	309.1	305.1
697.0	3158	1.8	-19.2	19	1.21	273	7	304.8	308.9	305.0
687.0	3274	1.0	-21.0	18	1.05	265	7	305.2	308.8	305.4
680.0	3356	0.4	-17.6	25	1.42	260	7	305.4	310.1	305.7
654.4	3658	-2.2	-17.8	29	1.45	240	6	305.8	310.7	306.1
607.0	4252	-7.3	-18.3	41	1.50	225	10	306.6	311.6	306.9
605.8	4267	-7.4	-18.5	41	1.47	225	10	306.6	311.6	306.9
582.0	4578	-9.7	-22.7	34	1.07	245	9	307.5	311.1	307.7
573.0	4697	-10.3	-27.3	23	0.72	253	9	308.2	310.7	308.3
564.0	4819	-10.7	-24.7	31	0.92	261	9	309.1	312.3	309.3
560.0	4874	-11.1	-22.1	40	1.17	265	9	309.3	313.3	309.5
559.8	4877	-11.1	-22.2	40	1.16	265	9	309.3	313.2	309.5
537.8	5182	-13.9	-27.6	30	0.74	270	9	309.6	312.1	309.7
536.0	5208	-14.1	-28.1	30	0.71	269	9	309.6	312.1	309.7
517.0	5480	-16.5	-29.5	32	0.65	262	13	309.9	312.2	310.0
513.0	5538	-16.7	-23.7	55	1.11	260	14	310.3	314.1	310.5
509.0	5597	-17.1	-21.8	67	1.32	259	15	310.5	315.0	310.8
504.0	5671	-17.7	-23.7	59	1.13	257	16	310.7	314.6	310.9
500.0	5730	-18.3	-24.3	59	1.08	255	17	310.7	314.4	310.9
482.0	6003	-20.9	-25.9	64	0.97	251	16	310.7	314.1	310.9
481.0	6018	-20.9	-26.9	59	0.88	251	16	310.9	314.0	311.1
478.0	6065	-20.5	-34.5	27	0.43	250	16	312.0	313.6	312.1
476.0	6096	-20.5	-37.8	20	0.31	250	16	312.3	313.5	312.4
475.0	6112	-20.5	-39.5	17	0.26	251	16	312.5	313.5	312.6
460.0	6350	-20.5	-45.5	9	0.14	266	21	315.4	316.0	315.4
438.1	6706	-23.3	-46.2	10	0.14	290	27	316.3	316.9	316.3
400.0	7370	-28.5	-47.5	14	0.13	275	34	317.9	318.4	317.9
386.2	7620	-30.6	-48.5	16	0.12	270	34	318.4	318.9	318.4

375.0	7828	-32.3	-49.3	17	0.11	260	34	318.8	319.2	318.8
369.9	7925	-32.9	-50.6	15	0.10	255	34	319.2	319.6	319.3
354.0	8232	-34.7	-54.7	11	0.06	258	39	320.8	321.1	320.8
330.0	8718	-38.7	-57.7	12	0.05	264	46	321.8	322.0	321.8
325.0	8823	-38.3	-61.3	7	0.03	265	48	323.8	323.9	323.8
324.2	8839	-38.4	-61.4	7	0.03	265	48	323.9	324.0	323.9
310.1	9144	-39.8	-62.8	7	0.03	245	46	326.1	326.2	326.1
301.0	9347	-40.7	-63.7	7	0.02	245	50	327.6	327.7	327.6
300.0	9370	-40.5	-64.5	6	0.02	245	50	328.2	328.3	328.2
298.0	9416	-40.1	-64.1	6	0.02	245	53	329.4	329.5	329.4
277.0	9915	-41.5	-67.5	4	0.02	247	82	334.3	334.4	334.3
263.0	10267	-43.3	-70.3	4	0.01	249	103	336.6	336.7	336.6
255.0	10476	-42.1	-71.1	3	0.01	249	115	341.4	341.4	341.4
250.0	10610	-42.9	-71.9	3	0.01	250	123	342.1	342.2	342.1
247.9	10668	-43.0	-71.7	3	0.01	245	127	342.9	343.0	342.9
245.0	10746	-43.0	-71.4	3	0.01	245	127	343.9	344.0	343.9
242.0	10829	-43.1	-71.1	3	0.01	245	125	345.0	345.1	345.1
229.0	11199	-45.9	-73.9	3	0.01	245	118	346.3	346.3	346.3
222.0	11406	-45.9	-73.9	3	0.01	245	113	349.4	349.4	349.4
213.0	11681	-47.3	-77.3	2	0.00	245	108	351.3	351.4	351.3
206.0	11903	-45.5	-78.5	1	0.00	245	103	357.5	357.6	357.5
200.0	12100	-46.1	-80.1	1	0.00	245	99	359.6	359.6	359.6
194.0	12302	-45.7	-80.7	1	0.00	244	96	363.4	363.4	363.4
183.0	12687	-48.7	-82.7	1	0.00	242	91	364.6	364.6	364.6
171.6	13106	-50.4	-83.7	1	0.00	240	86	368.6	368.6	368.6
167.0	13283	-51.1	-84.1	1	0.00	241	88	370.3	370.3	370.3
150.0	13970	-56.7	-86.7	1	0.00	245	96	372.2	372.2	372.2
148.8	14021	-57.1	-87.1	1	0.00	250	97	372.4	372.4	372.4
148.0	14055	-57.3	-87.3	1	0.00	249	95	372.6	372.6	372.6
145.0	14184	-57.7	-87.7	1	0.00	247	88	374.1	374.1	374.1
140.0	14406	-57.1	-87.1	1	0.00	244	76	378.9	378.9	378.9
136.0	14588	-59.1	-88.1	1	0.00	241	66	378.5	378.5	378.5
135.1	14630	-58.8	-87.8	1	0.00	240	64	379.7	379.7	379.7
134.0	14681	-58.5	-87.5	1	0.00	240	65	381.2	381.2	381.2
131.0	14823	-58.7	-88.7	1	0.00	240	67	383.3	383.3	383.3
122.5	15240	-61.9	-89.8	1	0.00	240	74	384.9	384.9	384.9
119.0	15419	-63.3	-90.3	1	0.00	240	77	385.5	385.5	385.5
116.6	15545	-63.4	-90.1	2	0.00	240	79	387.7	387.7	387.7
111.0	15846	-63.5	-89.5	2	0.00	243	66	392.9	392.9	392.9
104.0	16243	-66.3	-91.3	2	0.00	247	48	394.9	394.9	394.9
100.0	16480	-67.1	-92.1	2	0.00	250	38	397.8	397.8	397.8
92.7	16934	-70.7	-92.7	3	0.00	235	38	399.4	399.4	399.4
90.6	17069	-70.3	-91.8	3	0.00	240	44	402.8	402.9	402.8
88.7	17196	-69.9	-90.9	3	0.00	240	40	406.1	406.1	406.1
81.8	17678	-71.8	-91.3	4	0.00	240	25	411.7	411.7	411.7
79.4	17852	-72.5	-91.5	4	0.00	243	28	413.8	413.8	413.8
73.8	18288	-70.5	-90.1	4	0.00	250	36	426.9	426.9	426.9
71.3	18490	-69.5	-89.5	4	0.00	253	33	433.1	433.1	433.1
70.1	18593	-69.5	-89.5	4	0.00	255	32	435.2	435.2	435.2
70.0	18600	-69.5	-89.5	4	0.00	255	32	435.4	435.4	435.4
67.4	18826	-69.5	-90.5	3	0.00	240	30	440.1	440.1	440.1
66.6	18898	-68.2	-89.8	3	0.00	235	29	444.5	444.5	444.5
66.2	18934	-67.5	-89.5	3	0.00	237	28	446.7	446.7	446.7
63.3	19202	-67.6	-90.1	3	0.00	255	24	452.2	452.2	452.2
57.2	19812	-67.8	-91.3	2	0.00	240	20	465.0	465.0	465.0
54.8	20074	-67.9	-91.9	2	0.00	279	14	470.6	470.6	470.6
54.4	20117	-67.7	-91.8	2	0.00	285	13	472.0	472.0	472.0

51.7	20422	-66.2	-91.4	2	0.00	225	10	482.4	482.4	482.4
50.0	20630	-65.1	-91.1	2	0.00	275	7	489.7	489.7	489.7
49.2	20726	-64.8	-91.0	2	0.00	255	3	492.6	492.6	492.6
47.0	21008	-63.9	-90.9	1	0.00	315	3	501.3	501.3	501.3
44.5	21336	-64.4	-91.4	1	0.00	25	2	507.9	507.9	507.9
43.9	21425	-64.5	-91.5	1	0.00	24	2	509.7	509.7	509.7
34.0	23010	-57.9	-88.9	1	0.00	11	10	565.6	565.6	565.6
33.2	23165	-57.7	-88.7	1	0.00	10	11	570.2	570.3	570.2
31.6	23470	-57.2	-88.2	1	0.01	0	0	579.4	579.4	579.4
30.0	23800	-56.7	-87.7	1	0.01	280	9	589.5	589.5	589.5
28.8	24059	-56.1	-88.1	1	0.01	269	9	598.0	598.1	598.0
27.4	24384	-56.3	-87.8	1	0.01	255	10	606.3	606.3	606.3
26.1	24684	-56.5	-87.5	1	0.01	265	13	614.0	614.0	614.0
24.2	25166	-54.5	-86.5	1	0.01	281	18	633.2	633.3	633.2
23.7	25298	-54.8	-86.7	1	0.01	285	19	636.0	636.1	636.0
21.5	25908	-56.3	-87.4	1	0.01	260	21	649.1	649.2	649.1
21.3	25980	-56.5	-87.5	1	0.01	264	21	650.7	650.8	650.7
20.5	26213	-55.9	-87.5	1	0.01	275	23	659.3	659.4	659.3
20.0	26380	-55.5	-87.5	1	0.01	260	24	665.5	665.6	665.5
19.6	26518	-55.3	-87.3	1	0.01	250	25	670.2	670.3	670.2
19.5	26541	-55.3	-87.3	1	0.01	252	25	671.0	671.1	671.0
18.8	26774	-56.3	-87.3	1	0.01	267	20	674.9	675.0	674.9
18.7	26822	-56.1	-87.2	1	0.01	270	19	676.8	677.0	676.8
17.0	27432	-54.3	-86.1	1	0.01	255	19	701.5	701.6	701.5
16.6	27568	-53.9	-85.9	1	0.02	261	20	707.1	707.3	707.1
15.4	28042	-55.1	-86.5	1	0.01	280	22	718.2	718.3	718.2
14.9	28259	-55.7	-86.7	1	0.01	276	26	723.3	723.4	723.3
12.2	29566	-53.9	-85.8	1	0.02	255	53	773.2	773.4	773.2
11.9	29696	-53.7	-85.7	1	0.02			778.4	778.6	778.4

Station information and sounding indices

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                          Station identifier: EPZ
                              Station number: 72364
                            Observation time: 160104/0000
                            Station latitude: 31.86
                           Station longitude: -106.70
                           Station elevation: 1252.0
                             Showalter index: 8.93
                                Lifted index: 8.78
    LIFT computed using virtual temperature: 8.82
                                 SWEAT index: 26.98
                                     K index: -0.30
                            Cross totals index: 15.50
                       Vertical totals index: 23.50
                         Totals totals index: 39.00
      Convective Available Potential Energy: 0.00
             CAPE using virtual temperature: 0.00
                       Convective Inhibition: 0.00
             CINS using virtual temperature: 0.00
                      Bulk Richardson Number: 0.00
          Bulk Richardson Number using CAPV: 0.00
  Temp [K] of the Lifted Condensation Level: 268.90
Pres [hPa] of the Lifted Condensation Level: 752.57
     Mean mixed layer potential temperature: 291.67
              Mean mixed layer mixing ratio: 3.73
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1000 hPa to 500 hPa thickness: 5514.00
Precipitable water [mm] for entire sounding: 8.06

72364 EPZ Santa Teresa Observations at 12Z 04 Jan 2016

PRES hPa	HGHT m	TEMP C	DWPT C	RELH %	MIXR g/kg	DRCT deg	SKNT knot	THTA K	THTE K	THTV K
1000.0	199									
925.0	846									
880.0	1252	1.2	-1.9	80	3.80	135	7	284.6	295.5	285.2
874.0	1308	1.8	-2.1	75	3.77	134	10	285.7	296.7	286.4
860.0	1440	1.6	-1.1	82	4.12	132	17	286.9	298.8	287.6
851.1	1524	2.0	-2.4	73	3.79	130	22	288.1	299.2	288.8
851.0	1525	2.0	-2.4	73	3.78	129	22	288.1	299.2	288.8
850.0	1535	1.8	-2.8	72	3.68	120	24	288.0	298.8	288.7
819.5	1829	0.4	-6.5	60	2.87	110	28	289.6	298.2	290.1
819.0	1834	0.4	-6.6	59	2.86	110	28	289.6	298.2	290.1
809.0	1933	1.0	-8.0	51	2.60	120	25	291.3	299.1	291.7
797.0	2053	1.6	-6.4	55	2.99	132	21	293.1	302.2	293.7
790.0	2124	2.0	-3.0	69	3.90	139	18	294.3	306.0	295.0
789.0	2134	2.0	-3.0	70	3.90	140	18	294.4	306.1	295.1
777.0	2258	1.4	-3.0	73	3.96	150	18	295.1	307.0	295.8
772.0	2310	1.8	-2.2	75	4.23	155	19	296.1	308.8	296.8
762.0	2416	4.2	-0.8	70	4.76	163	19	299.8	314.2	300.6
759.9	2438	4.1	-1.0	69	4.70	165	19	299.9	314.2	300.7
744.0	2610	3.4	-2.6	65	4.27	171	20	300.9	314.1	301.7
731.9	2743	2.2	-3.3	67	4.13	175	21	301.0	313.8	301.8
722.0	2853	1.2	-3.8	69	4.02	177	21	301.1	313.5	301.8
712.0	2965	1.6	-6.4	55	3.34	179	20	302.8	313.2	303.4
706.0	3033	1.4	-6.6	55	3.32	180	20	303.3	313.7	303.9
704.7	3048	1.3	-6.5	56	3.35	180	20	303.3	313.8	303.9
700.0	3102	0.8	-6.2	59	3.45	175	20	303.3	314.2	304.0
682.0	3311	-1.1	-7.1	64	3.31	163	18	303.5	313.9	304.1
678.4	3353	-1.0	-12.4	42	2.19	160	17	304.1	311.2	304.5
676.0	3381	-0.9	-15.9	31	1.65	161	17	304.5	309.9	304.8
663.0	3536	-1.9	-17.9	28	1.42	166	17	305.1	309.8	305.3
655.0	3633	-2.9	-16.9	33	1.56	169	17	305.0	310.1	305.3
652.9	3658	-3.1	-17.4	32	1.51	170	17	305.1	310.1	305.3
648.0	3718	-3.5	-18.5	30	1.38	173	16	305.2	309.8	305.5
604.1	4267	-8.6	-12.4	74	2.46	200	10	305.6	313.5	306.0
603.0	4281	-8.7	-12.2	76	2.50	200	10	305.6	313.6	306.0
595.0	4385	-8.9	-17.9	48	1.58	200	11	306.5	311.8	306.8
591.0	4437	-9.3	-19.3	44	1.41	200	11	306.6	311.4	306.9
587.0	4490	-9.3	-27.3	22	0.70	200	12	307.2	309.7	307.4
578.0	4609	-9.9	-25.9	26	0.81	200	13	307.9	310.7	308.0
567.0	4757	-11.1	-22.1	40	1.15	200	14	308.2	312.1	308.4
558.2	4877	-12.2	-22.6	42	1.13	200	15	308.3	312.1	308.5
540.0	5130	-14.5	-23.5	46	1.07	216	16	308.4	312.1	308.6
535.0	5200	-14.3	-28.3	29	0.70	221	17	309.5	312.0	309.6
529.0	5286	-14.5	-33.5	18	0.43	227	17	310.3	311.8	310.3
515.1	5486	-16.2	-34.3	20	0.41	240	18	310.6	312.1	310.6
500.0	5710	-18.1	-35.1	21	0.39	240	19	310.9	312.3	311.0
498.0	5740	-18.3	-35.3	21	0.38	240	19	311.0	312.4	311.1

494.6	5791	-18.5	-36.0	20	0.36	240	19	311.4	312.7	311.5
484.0	5953	-19.1	-38.1	17	0.30	229	20	312.6	313.7	312.6
474.6	6096	-20.3	-38.5	18	0.29	220	21	312.8	313.9	312.9
455.3	6401	-22.9	-39.5	20	0.27	210	20	313.4	314.4	313.4
425.0	6906	-27.1	-41.1	25	0.25	218	23	314.2	315.1	314.2
400.0	7340	-31.1	-41.1	37	0.26	225	26	314.5	315.5	314.5
374.0	7811	-35.3	-42.3	49	0.25	233	29	315.0	316.0	315.1
367.0	7942	-36.3	-43.3	48	0.23	235	29	315.4	316.3	315.4
357.0	8133	-36.7	-40.2	70	0.32	238	31	317.4	318.6	317.4
337.0	8528	-40.1	-46.1	53	0.18	245	33	318.0	318.7	318.0
333.0	8609	-40.9	-45.5	61	0.20	246	34	318.0	318.8	318.0
331.0	8650	-41.1	-45.5	62	0.20	247	34	318.2	319.0	318.3
326.0	8753	-41.3	-50.3	37	0.12	249	34	319.4	319.8	319.4
324.0	8795	-41.7	-51.7	33	0.10	249	35	319.4	319.8	319.4
321.9	8839	-42.1	-52.1	33	0.10	250	35	319.4	319.8	319.5
313.0	9027	-43.7	-53.7	32	0.08	244	33	319.8	320.1	319.8
307.6	9144	-44.8	-53.5	37	0.09	240	31	319.9	320.2	319.9
300.0	9310	-46.3	-53.3	45	0.09	240	27	320.0	320.4	320.0
293.7	9449	-47.6	-53.8	49	0.09	240	27	320.1	320.4	320.1
273.0	9927	-52.1	-55.4	67	0.08	245	34	320.3	320.6	320.3
264.0	10143	-53.9	-58.3	58	0.06	247	38	320.8	321.0	320.8
250.0	10490	-56.1	-60.7	56	0.04	250	43	322.5	322.7	322.5
249.0	10515	-56.3	-60.7	58	0.04	250	44	322.6	322.8	322.6
245.0	10618	-55.9	-59.7	62	0.05	252	48	324.7	324.9	324.7
244.0	10645	-55.5	-60.0	57	0.05	252	49	325.7	325.9	325.7
241.0	10724	-53.5	-63.5	28	0.03	253	52	329.8	330.0	329.8
236.0	10859	-53.3	-71.3	9	0.01	255	57	332.1	332.2	332.1
232.0	10969	-50.9	-73.9	5	0.01	256	61	337.4	337.4	337.4
221.2	11278	-51.0	-76.9	3	0.00	260	72	341.8	341.8	341.8
217.0	11404	-51.1	-78.1	3	0.00	260	72	343.6	343.6	343.6
200.0	11939	-47.5	-82.5	1	0.00	260	72	357.4	357.4	357.4
189.0	12312	-48.7	-82.7	1	0.00	260	72	361.3	361.3	361.3
172.0	12933	-47.7	-82.7	1	0.00	260	73	372.8	372.8	372.8
160.0	13411	-49.3	-83.3	1	0.00	260	73	377.9	377.9	377.9
160.0	13409	-49.3	-83.3	1	0.00	260	73	377.9	377.9	377.9
152.0	13744	-51.5	-84.5	1	0.00	256	75	379.7	379.7	379.7
150.0	13830	-51.3	-84.3	1	0.00	255	76	381.5	381.5	381.5
144.0	14096	-51.9	-84.9	1	0.00	255	73	384.9	384.9	384.9
132.5	14630	-55.5	-87.4	1	0.00	255	68	387.8	387.8	387.8
123.0	15104	-58.7	-89.7	1	0.00	243	76	390.3	390.3	390.3
120.3	15240	-59.9	-90.0	1	0.00	240	78	390.5	390.5	390.5
111.0	15742	-64.3	-91.3	1	0.00	244	88	391.4	391.4	391.4
110.0	15797	-64.3	-91.3	1	0.00	245	89	392.4	392.4	392.4
109.0	15850	-64.4	-91.2	1	0.00	245	90	393.2	393.2	393.2
100.0	16380	-65.3	-90.3	2	0.00	270	75	401.3	401.3	401.3
93.8	16764	-66.7	-90.4	2	0.00	255	54	405.8	405.8	405.8
86.8	17234	-68.5	-90.5	3	0.00	255	57	411.4	411.4	411.4
84.8	17374	-67.1	-89.8	3	0.00	260	58	417.0	417.0	417.0
81.2	17637	-64.5	-88.5	2	0.00	260	37	427.5	427.6	427.5
80.7	17678	-64.6	-88.6	2	0.00	260	34	428.2	428.2	428.2
73.0	18288	-65.7	-90.4	2	0.00	260	32	438.4	438.4	438.4
70.0	18540	-66.1	-91.1	2	0.00	260	32	442.6	442.6	442.6
69.6	18575	-66.1	-91.1	2	0.00	260	32	443.4	443.4	443.4
67.2	18788	-63.9	-90.9	1	0.00	263	30	452.6	452.6	452.6
66.0	18898	-63.8	-91.2	1	0.00	265	29	455.2	455.2	455.2
62.8	19202	-63.4	-92.0	1	0.00	300	11	462.5	462.5	462.5
61.6	19320	-63.3	-92.3	1	0.00	296	10	465.3	465.3	465.3

59.7	19507	-63.8	-92.6	1	0.00	290	9	468.3	468.3	468.3
56.8	19812	-64.7	-93.1	1	0.00	245	17	473.1	473.1	473.1
52.7	20269	-65.9	-93.9	1	0.00	239	16	480.5	480.5	480.5
50.0	20590	-62.1	-92.1	1	0.00	235	16	496.7	496.7	496.7
48.9	20726	-62.1	-92.1	1	0.00	240	17	499.8	499.9	499.9
47.2	20947	-62.1	-92.1	1	0.00	260	15	505.0	505.0	505.0
45.2	21216	-60.3	-91.3	1	0.00	284	12	515.6	515.6	515.6
44.3	21336	-60.6	-91.4	1	0.00	295	11	517.8	517.8	517.8
39.8	22006	-62.1	-92.1	1	0.00	218	10	530.2	530.2	530.2
38.3	22250	-60.6	-91.1	1	0.00	190	10	539.8	539.8	539.8
36.7	22512	-59.1	-90.1	1	0.00	218	11	550.3	550.3	550.3
34.7	22860	-58.7	-89.7	1	0.00	255	12	560.2	560.2	560.2
33.1	23165	-58.3	-89.3	1	0.00	255	14	569.0	569.0	569.0
33.1	23161	-58.3	-89.3	1	0.00	255	14	568.9	568.9	568.9
31.5	23470	-58.4	-89.4	1	0.00	280	10	576.7	576.7	576.7
30.0	23780	-58.5	-89.5	1	0.00	330	4	584.6	584.6	584.6
30.0	23774	-58.5	-89.5	1	0.00	275	1	584.4	584.5	584.4
27.5	24324	-59.5	-90.5	1	0.00	298	11	596.5	596.5	596.5
27.2	24384	-59.3	-90.4	1	0.00	295	12	598.6	598.7	598.6
24.7	24994	-57.5	-89.2	1	0.01	300	15	620.7	620.8	620.7
23.6	25298	-56.5	-88.6	1	0.01	265	16	632.0	632.1	632.0
21.4	25908	-54.6	-87.5	1	0.01	260	20	655.3	655.4	655.3
20.8	26089	-54.1	-87.1	1	0.01	266	19	662.4	662.5	662.4
20.0	26340	-53.9	-86.9	1	0.01	275	17	670.4	670.5	670.4
19.4	26518	-54.3	-87.0	1	0.01	280	20	674.6	674.7	674.6
17.8	27086	-55.5	-87.5	1	0.01	274	28	688.1	688.2	688.1
17.3	27268	-54.1	-87.1	1	0.01	272	31	698.2	698.3	698.2
16.9	27432	-54.3	-87.2	1	0.01	270	33	702.5	702.7	702.5
14.5	28398	-55.7	-87.7	1	0.01	262	40	728.9	729.1	728.9
13.7	28758	-57.5	-89.5	1	0.01	259	42	734.7	734.8	734.7
12.8	29190	-54.9	-86.9	1	0.02	256	46	758.1	758.3	758.1
12.7	29261	-54.8	-86.9	1	0.02	255	46	760.9	761.1	760.9
11.8	29711	-54.1	-87.1	1	0.02	255	55	778.8	779.0	778.8
10.5	30480	-55.4	-87.5	1	0.02	255	71	801.1	801.3	801.1
10.4	30520	-55.5	-87.5	1	0.02	256	72	802.3	802.5	802.3
10.0	30770	-55.3	-87.3	1	0.02	265	79	812.1	812.3	812.1
9.6	31031	-54.7	-87.5	1	0.02	270	81	824.0	824.2	824.0
9.5	31098	-54.5	-87.5	1	0.02	270	81	827.1	827.3	827.1
9.5	31090	-54.5	-87.5	1	0.02	270	81	826.7	827.0	826.7
9.2	31302	-55.9	-87.9	1	0.02	268	76	829.3	829.6	829.4
8.7	31699	-54.4	-87.3	1	0.02	265	67	849.9	850.2	849.9
8.6	31733	-54.3	-87.3	1	0.02	265	67	851.7	852.0	851.7
8.2	32041	-50.1	-84.1	1	0.04	265	72	879.9	880.5	880.0
7.9	32309	-49.8	-83.8	1	0.05	265	75	891.4	892.0	891.4
7.5	32624	-49.5	-83.5	1	0.05			905.1	905.8	905.1

Station information and sounding indices

Station identifier: EPZ
Station number: 72364
Observation time: 160104/1200
Station latitude: 31.86
Station longitude: -106.70
Station elevation: 1252.0
Showalter index: 11.71
Lifted index: 12.22

LIFT computed using virtual temperature:	12.19
SWEAT index:	67.02
K index:	10.10
Cross totals index:	15.30
Vertical totals index:	19.90
Totals totals index:	35.20
Convective Available Potential Energy:	0.00
CAPE using virtual temperature:	0.00
Convective Inhibition:	0.00
CINS using virtual temperature:	0.00
Bulk Richardson Number:	0.00
Bulk Richardson Number using CAPV:	0.00
Temp [K] of the Lifted Condensation Level:	269.44
Pres [hPa] of the Lifted Condensation Level:	798.15
Mean mixed layer potential temperature:	287.39
Mean mixed layer mixing ratio:	3.68
1000 hPa to 500 hPa thickness:	5511.00
Precipitable water [mm] for entire sounding:	10.41