

soundingData.txt

PRES hPa	HGHT m	TEMP C	DWPT C	RELH %	MIXR g/kg	DRCT deg	SKNT knot	THTA K	THTE K	THTV K
1000.0	54									
980.0	229	24.4	21.7	85	16.99	210	4	299.3	349.1	302.3
971.6	305	24.6	21.1	81	16.46	215	8	300.2	348.7	303.2
958.0	429	25.0	20.0	74	15.62	221	13	301.8	348.1	304.6
938.5	610	24.1	19.3	74	15.24	230	21	302.7	348.1	305.5
931.0	681	23.8	19.0	75	15.09	233	20	303.1	348.0	305.8
925.0	738	24.2	15.2	57	11.88	235	19	304.1	339.7	306.2
919.0	795	24.6	11.6	44	9.42	237	19	305.0	333.6	306.8
906.6	914	23.7	10.4	43	8.81	240	19	305.3	332.1	306.9
882.0	1154	22.0	8.0	41	7.68	244	19	305.9	329.5	307.4
875.4	1219	22.8	4.8	31	6.18	245	19	307.4	326.6	308.6
869.0	1283	23.6	1.6	24	4.97	246	20	308.9	324.6	309.8
850.0	1475	22.4	-2.6	19	3.73	250	23	309.6	321.6	310.3
815.9	1829	20.7	-6.6	15	2.87	250	29	311.4	320.9	312.0
806.0	1934	20.2	-7.8	14	2.65	250	28	312.0	320.8	312.5
787.2	2134	18.6	-7.7	16	2.73	250	25	312.4	321.5	312.9
759.4	2438	16.2	-7.5	19	2.87	255	19	313.1	322.5	313.6
732.6	2743	13.8	-7.4	22	3.01	275	16	313.7	323.6	314.2
700.0	3128	10.8	-7.2	28	3.20	285	17	314.4	325.0	315.0
681.0	3353	8.7	-8.0	30	3.10	290	17	314.6	324.8	315.1
656.0	3658	5.8	-9.0	34	2.97	275	19	314.7	324.6	315.3
632.0	3962	3.0	-10.0	38	2.84	270	21	314.8	324.3	315.4
608.8	4267	0.1	-11.0	43	2.72	270	23	314.9	324.0	315.4
607.0	4291	-0.1	-11.1	43	2.71	270	24	314.9	323.9	315.4
563.6	4877	-4.9	-9.4	71	3.33	270	35	316.0	327.0	316.6
540.0	5215	-7.7	-8.5	94	3.75	275	44	316.6	328.9	317.3
521.4	5486	-9.1	-10.1	93	3.44	280	51	318.1	329.5	318.8
500.0	5810	-10.7	-11.9	91	3.09	285	51	319.9	330.3	320.5
481.4	6096	-12.6	-14.1	89	2.70	285	49	321.1	330.3	321.6
426.3	7010	-18.6	-20.9	82	1.71	280	49	324.8	330.9	325.1
400.0	7490	-21.7	-24.5	78	1.32	295	39	326.7	331.5	327.0
392.9	7620	-22.6	-25.4	78	1.24	295	37	327.2	331.7	327.4
376.7	7925	-24.8	-27.5	79	1.07	300	31	328.2	332.2	328.4
339.0	8691	-30.3	-32.7	79	0.73	288	25	330.8	333.6	330.9
317.8	9144	-34.0	-36.7	76	0.52	280	21	331.8	333.9	331.9
300.0	9550	-37.3	-40.3	73	0.38	280	19	332.7	334.2	332.8
254.2	10668	-46.9	-50.8	65	0.14	265	21	334.6	335.2	334.6
250.0	10780	-47.9	-51.8	64	0.13	265	21	334.7	335.3	334.8
242.6	10973	-49.5	-53.3	64	0.11	260	19	335.3	335.7	335.3
210.3	11887	-56.9	-60.5	64	0.05	230	29	337.6	337.9	337.6
200.0	12210	-59.5	-63.0	64	0.04	230	27	338.4	338.6	338.4
184.0	12730	-63.3	-67.1	60	0.02	230	25	340.4	340.5	340.4
181.9	12802	-63.7	-67.5	59	0.02	230	25	340.9	341.0	340.9
177.0	12970	-64.5	-68.5	58	0.02	240	31	342.2	342.3	342.2
157.0	13716	-60.7	-69.5	31	0.02	270	37	360.6	360.7	360.6
152.0	13917	-59.7	-69.7	26	0.02	274	36	365.6	365.8	365.6
150.0	14000	-60.3	-71.3	22	0.02	275	35	366.0	366.1	366.0
135.4	14630	-63.3	-74.9	20	0.01	280	23	371.5	371.6	371.5
124.0	15169	-65.9	-77.9	17	0.01	245	22	376.3	376.3	376.3
122.5	15240	-65.7	-77.9	17	0.01	240	21	377.9	378.0	377.9
116.6	15545	-64.8	-78.1	15	0.01	235	23	385.0	385.0	385.0
107.0	16067	-63.3	-78.3	11	0.01	226	18	397.4	397.4	397.4
100.3	16459	-65.4	-81.3	9	0.01	220	14	400.7	400.8	400.7
100.0	16480	-65.5	-81.5	9	0.01	220	14	400.9	400.9	400.9