

72659 ABR Aberdeen Observations at 00Z 26 Jul 2015

PRES hPa	HGHT m	TEMP C	DWPT C	RELH %	MIXR g/kg	DRCT deg	SKNT knot	THTA K	THTE K	THTV K
1000.0	79									
964.0	396	26.4	21.6	75	17.17	30	8	302.7	353.8	305.8
953.0	499	26.0	20.0	70	15.70	49	10	303.3	350.1	306.1
942.0	603	26.8	17.8	58	13.80	69	13	305.1	346.6	307.6
941.3	610	26.8	17.8	58	13.78	70	13	305.1	346.6	307.7
925.0	766	25.8	16.8	58	13.18	85	13	305.7	345.5	308.1
909.5	914	24.4	16.5	61	13.12	80	12	305.8	345.4	308.2
878.2	1219	21.6	15.8	69	12.98	95	12	305.9	345.1	308.3
850.0	1504	19.0	15.1	78	12.86	105	13	306.0	344.9	308.4
818.3	1829	16.0	13.8	87	12.26	125	14	306.2	343.3	308.4
802.0	2001	14.4	13.1	92	11.95	131	14	306.3	342.4	308.5
789.5	2134	13.5	10.6	83	10.28	135	14	306.7	338.0	308.6
774.0	2301	12.4	7.5	72	8.47	138	10	307.2	333.2	308.8
761.4	2438	11.6	6.4	70	7.99	140	6	307.9	332.4	309.3
734.1	2743	9.9	4.0	67	6.99	85	6	309.2	331.0	310.5
732.0	2767	9.8	3.8	66	6.91	83	6	309.3	330.9	310.6
714.0	2974	8.0	3.0	71	6.69	67	8	309.6	330.5	310.8
700.0	3137	6.2	2.7	78	6.68	55	9	309.3	330.2	310.6
691.0	3243	5.2	2.9	85	6.87	43	12	309.4	330.8	310.6
681.8	3353	4.4	3.1	91	7.07	30	15	309.7	331.7	311.0
674.0	3446	3.8	3.3	97	7.25			310.0	332.6	311.4
665.0	3556	3.2	1.8	91	6.60			310.5	331.2	311.8

Station information and sounding indices

Station identifier: ABR
 Station number: 72659
 Observation time: 150726/0000
 Station latitude: 45.45
 Station longitude: -98.43
 Station elevation: 396.0
 Convective Available Potential Energy: 125.27
 CAPE using virtual temperature: 162.66
 Convective Inhibition: -34.96
 CINS using virtual temperature: -27.29
 Level of Free Convection: 810.56
 LFCT using virtual temperature: 815.69
 Temp [K] of the Lifted Condensation Level: 289.53
 Pres [hPa] of the Lifted Condensation Level: 836.13
 Mean mixed layer potential temperature: 304.73
 Mean mixed layer mixing ratio: 14.28
 Precipitable water [mm] for entire sounding: 32.74

Description of the [data columns](#) or [sounding indices](#).

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Questions about the weather data provided by this site can be addressed to [Larry Oolman \(ldoolman@uwyo.edu\)](mailto:Larry.Oolman@uwyo.edu)
