



Aviation Weather Package

Prepared for

Teledyne Continental Motors

Navion, N4898K

Owyhee, Oregon

August 7, 2009

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Certified Consulting Meteorologist

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**Expedited Weather Package
N4898K/Navion/Owyhee, Oregon
August 7, 2009**

Surface Observations:

Caldwell (KEUL), Idaho

KEUL 071555Z 16005KT 5SM BKN025 OVC034 13/09 A2995 RMK A01 P0005=
KEUL 071615Z 16005KT 7SM BKN025 OVC032 13/09 A2995 RMK A01 P0001=
KEUL 071635Z 17005KT 8SM OVC030 13/09 A2995 RMK A01 P0001=
KEUL 071655Z 19005KT 7SM BKN020 OVC028 13/10 A2996 RMK A01 P0003=
KEUL 071715Z 27008KT 10SM FEW010 OVC020 13/09 A2996 RMK A01 P0003=
KEUL 071735Z 26005KT 9SM BKN022 OVC029 12/09 A2997 RMK A01 P0005=
KEUL 071755Z 28003KT 10SM SCT022 OVC029 13/09 A2998 RMK A01 P0005 52017=
KEUL 071815Z 29005KT 10SM BKN025 OVC033 13/08 A2998 RMK A01=
KEUL 071835Z 31003KT 10SM OVC025 13/09 A2999 RMK A01=
KEUL 071855Z 28006KT 10SM BKN020 OVC026 13/09 A2999 RMK A01=
KEUL 071915Z 29004KT 10SM BKN020 BKN026 OVC070 13/09 A2999 RMK A01 P0001=
KEUL 071935Z 26004KT 10SM SCT022 BKN060 OVC070 13/09 A3000 RMK A01 P0002=
KEUL 071955Z 28004KT 10SM FEW019 BKN060 OVC070 13/09 A3000 RMK A01 P0003=
KEUL 072015Z 00000KT 10SM BKN060 OVC070 13/09 A3001 RMK A01 P0002=
KEUL 072035Z 00000KT 10SM FEW026 SCT055 OVC070 13/09 A3002 RMK A01 P0004=

Ontario (KONO), Oregon

KONO 071546Z 19003KT 5SM -RA BR FEW010 OVC034 14/13 A2992 RMK A02 P0004=
KONO 071553Z 22004KT 6SM -RA BR FEW015 BKN034 OVC050 14/13 A2992 RMK A02
SLP128 P0005 T01390128=
KONO 071624Z 25005KT 4SM -RA BR FEW007 BKN018 OVC034 14/12 A2992 RMK A02
P0003=
KONO 071640Z 24005KT 6SM -RA BR FEW009 BKN036 OVC045 14/12 A2993 RMK A02
P0004=
KONO 071653Z 25007KT 7SM -RA FEW009 OVC041 14/12 A2993 RMK A02 SLP132 P0005
T01390122=
KONO 071753Z 25006KT 7SM -RA OVC045 14/12 A2995 RMK A02 SLP139 P0003 60025
T01390117 10144 20133 53016=
KONO 071853Z 27006KT 7SM -RA SCT030 OVC055 14/12 A2996 RMK A02 SLP143 P0004
T01390117=
KONO 071923Z 23006KT 6SM -RA BR FEW009 BKN048 OVC065 14/13 A2996 RMK A02
P0002=
KONO 071953Z 24004KT 8SM -RA FEW012 BKN027 OVC065 14/12 A2997 RMK A02 SLP145
P0003 T01440122=

Boise (KBOI), Idaho

KBOI 071553Z 18005KT 5SM -RA OVC037 14/10 A2993 RMK A02 RAB1457 SLP125 P0002
T01390100=
KBOI 071653Z 15004KT 5SM -RA BKN034 OVC060 14/10 A2995 RMK A02 SLP129 P0005
T01390100=
KBOI 071724Z 14006KT 5SM -RA BKN028 OVC055 14/10 A2995 RMK A02 P0003=
KBOI 071746Z 14005KT 6SM -RA SCT026 BKN050 OVC060 14/10 A2996 RMK A02 P0004=
KBOI 071753Z 17005KT 7SM -RA SCT024 BKN045 OVC060 14/10 A2996 RMK A02 SLP134
P0004 60012 T01390100 10139 20133 53012=

KBOI 071853Z 16008KT 10SM -RA FEW020 BKN039 BKN065 14/11 A2997 RMK A02 SLP135
P0001 T01440106=
KBOI 071935Z 22006KT 7SM -RA BKN022 OVC034 14/10 A2997 RMK A02 P0000=
KBOI 071947Z 29005KT 1 3/4SM RA BR SCT013 BKN022 13/11 A2998 RMK A02 P0001=
KBOI 071953Z 31004KT 2 1/2SM +RA BR SCT013 OVC022 13/11 A2998 RMK A02 SLP143
P0009 T01280111=
KBOI 072032Z 00000KT 2 1/2SM -RA FEW024 SCT037 OVC046 13/11 A3000 RMK A02
P0028=

Burns (KBNO), Oregon

KBNO 071553Z 23007KT 6SM -RA BR SCT031 OVC044 09/08 A2998 RMK A02 SLP144
P0008 T00940078 TSN0=
KBNO 071653Z 24007KT 10SM -RA FEW015 BKN034 OVC040 11/08 A2999 RMK A02 SLP144
P0001 T01060083 TSN0=
KBNO 071723Z 23008KT 10SM -RA SCT016 BKN039 OVC065 10/08 A2999 RMK A02 P0002
TSN0=
KBNO 071753Z 23006KT 10SM FEW045 OVC060 11/08 A3000 RMK A02 RAE32 SLP147
P0002 60014 T01060083 10106 20089 51009 TSN0=
KBNO 071817Z 22006KT 10SM FEW018 BKN028 OVC055 11/08 A3000 RMK A02 TSN0=
KBNO 071853Z 20009KT 10SM -RA SCT020 OVC025 11/09 A3000 RMK A02 RAB21 SLP149
P0000 T01110089 TSN0=
KBNO 071935Z 25010KT 10SM -RA BKN013 BKN022 OVC028 11/08 A3001 RMK A02 P0000
TSN0=
KBNO 071944Z 25008KT 10SM -RA FEW013 SCT017 OVC024 11/08 A3001 RMK A02 P0000
TSN0=
KBNO 071953Z 26010KT 10SM -RA FEW011 BKN019 OVC024 11/08 A3001 RMK A02 SLP153
P0000 T01110083 TSN0=
KBNO 072021Z 27012KT 10SM FEW021 SCT027 OVC038 11/08 A3002 RMK A02 RAE19
P0000 TSN0=

Pilot Reports:

B0I UA /OV B0I 225025/TM 1445/FL190/TP B737/TB MOD CHOP/ZLC=

B0I UA /OV B0I-REO/TM 1504/FL130/TP DH8D/TA M02/IC LGT MX ON THE
CLIMB OUT 130-FL190/ZLC =

REO UA /OV REO090030 /TM 1634 /FL090 /TP BE24 /TA 00 /IC LGT RIME
110-100=

B0I UA /OV B0I 135050/TM 1913/FL100/TP C182/TA M01/IC LGT RIME/ZLC =

AIRMETs:

WAUS45 KKCI 071445

WA5T

-SLCT WA 071445

AIRMET TANGO UPDT 4 FOR TURB VALID UNTIL 072100

.

AIRMET TURB...ID MT NV UT WA OR CA AND CSTL WTRS
FROM 50SSE YXH TO MLD TO 50SSW MLD TO 20SSE ILC TO 40W LAS TO
30WSW RZS TO 160SW SNS TO 130WSW ENI TO 160SW ONP TO 50WNW HQM
TO 20WSW TOU TO 20NE HUH TO 50SSE YXH
MOD TURB BTN FL240 AND FL400. CONDS CONTG BYD 21Z THRU 03Z.

.

AIRMET TURB...ID NV OR CA
FROM 70SSW YKM TO 30NW LKT TO 40NE BAM TO 60WSW BAM TO 30NW FMG
TO 50W LKV TO 70SSW YKM
MOD TURB BLW 150. CONDS CONTG BYD 21Z ENDG 21-00Z.

.
ELSW NO SGFNT TURB EXP OUTSIDE CNVTV ACT.

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WAUS45 KPCI 071445

WA5Z

-SLCZ WA 071445

AIRMET ZULU UPDT 2 FOR ICE AND FRZLVL VALID UNTIL 072100

.
AIRMET ICE...ID MT NV WA OR
FROM 30W FCA TO 40W HLN TO 30NW DLN TO 40SSW TWF TO 50NE BAM TO
50SW BAM TO 30NNE FMG TO 30SE DSD TO 30NNW PDT TO 30W FCA
MOD ICE BTN FRZLVL AND FL220. FRZLVL 090-120. CONDS CONTG BYD 21Z
THRU 03Z.

.
FRZLVL...RANGING FROM 095-170 ACRS AREA
120 ALG 20WSW BTY-60ENE BTY-40ENE ILC-50S SLC-50WSW BPI-30SSW
HVR-40NNE HVR
160 ALG BZA-20SW PHX-20E FTI-30SE CIM-40SW AKO-20SE SNY

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WAUS45 KPCI 071445

WA5S

-SLCS WA 071445

AIRMET SIERRA UPDT 2 FOR IFR AND MTN OBSCN VALID UNTIL 072100

.
AIRMET IFR...ID MT WA OR
FROM 30NNE MLP TO 70S FCA TO 70NNE DNJ TO DNJ TO 50WSW BKE TO
20SW PDT TO 20ESE GEG TO 30NNE MLP
CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS ENDG 18-21Z.

.
AIRMET IFR...MT WY
FROM 50NNE GGW TO 50NNW ISN TO 70NW RAP TO 40ENE SHR TO 50NNE GGW
CIG BLW 010/VIS BLW 3SM PCPN/BR. CONDS ENDG 15-18Z.

.
AIRMET MTN OBSCN...ID MT NV WA OR CA
FROM 20ESE YQL TO 20E GTF TO 80WSW BIL TO 20NNE TWF TO 20WNW BAM
TO 20SW FMG TO 40SE LKV TO 30W PDT TO 50N GEG TO 50WSW YXC TO
20ESE YQL
MTNS OBSC BY CLDS/PCPN/BR. CONDS CONTG BYD 21Z THRU 03Z.

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Light Data:

The following information is provided for Parma, Canyon County, Idaho (longitude W116.9, latitude N43.8):

Friday

7 August 2009

Mountain Daylight Time

SUN

Begin civil twilight

6:11 a.m.

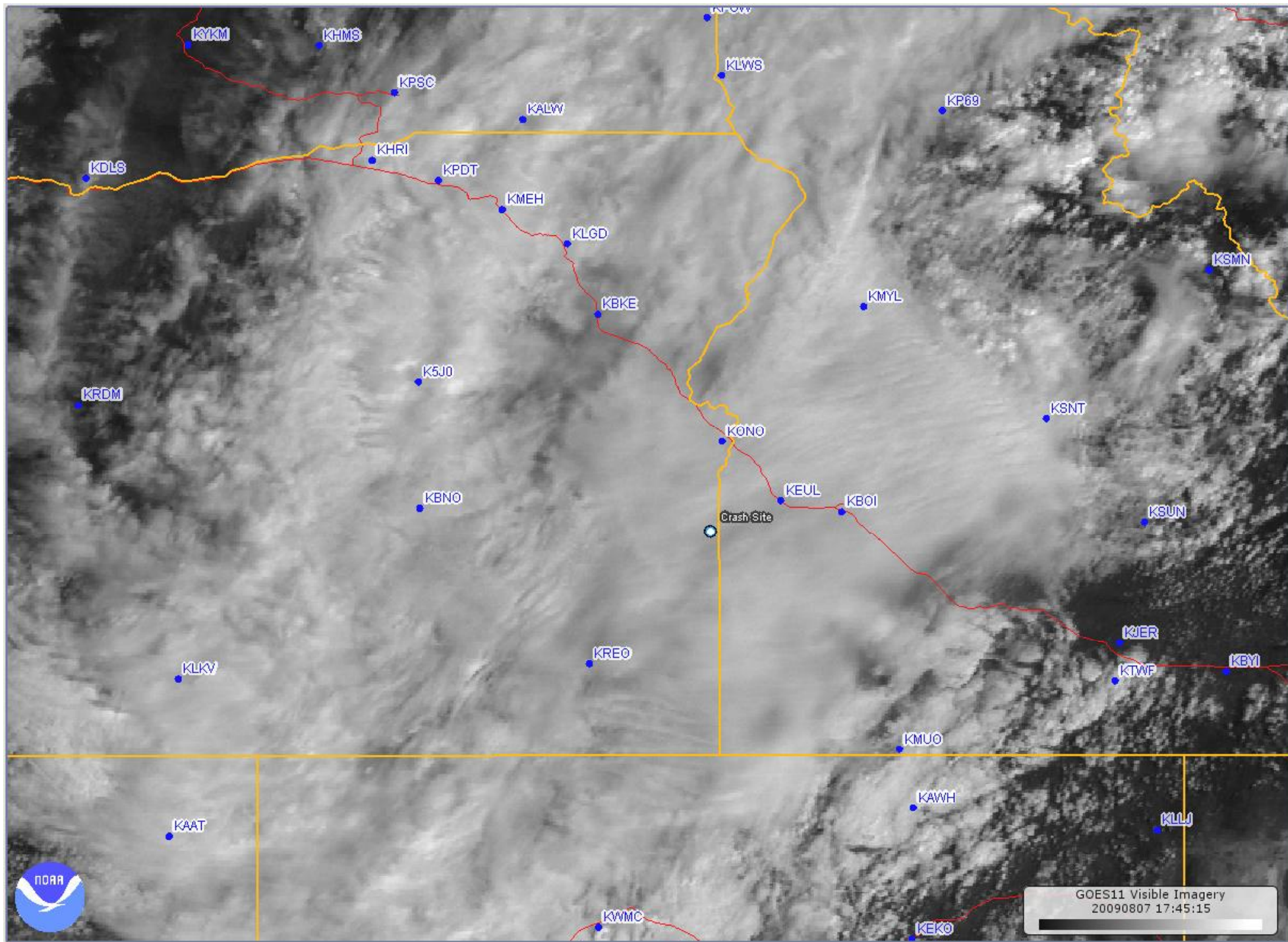
Sunrise	6:43 a.m.
Sun transit	1:53 p.m.
Sunset	9:03 p.m.
End civil twilight	9:35 p.m.

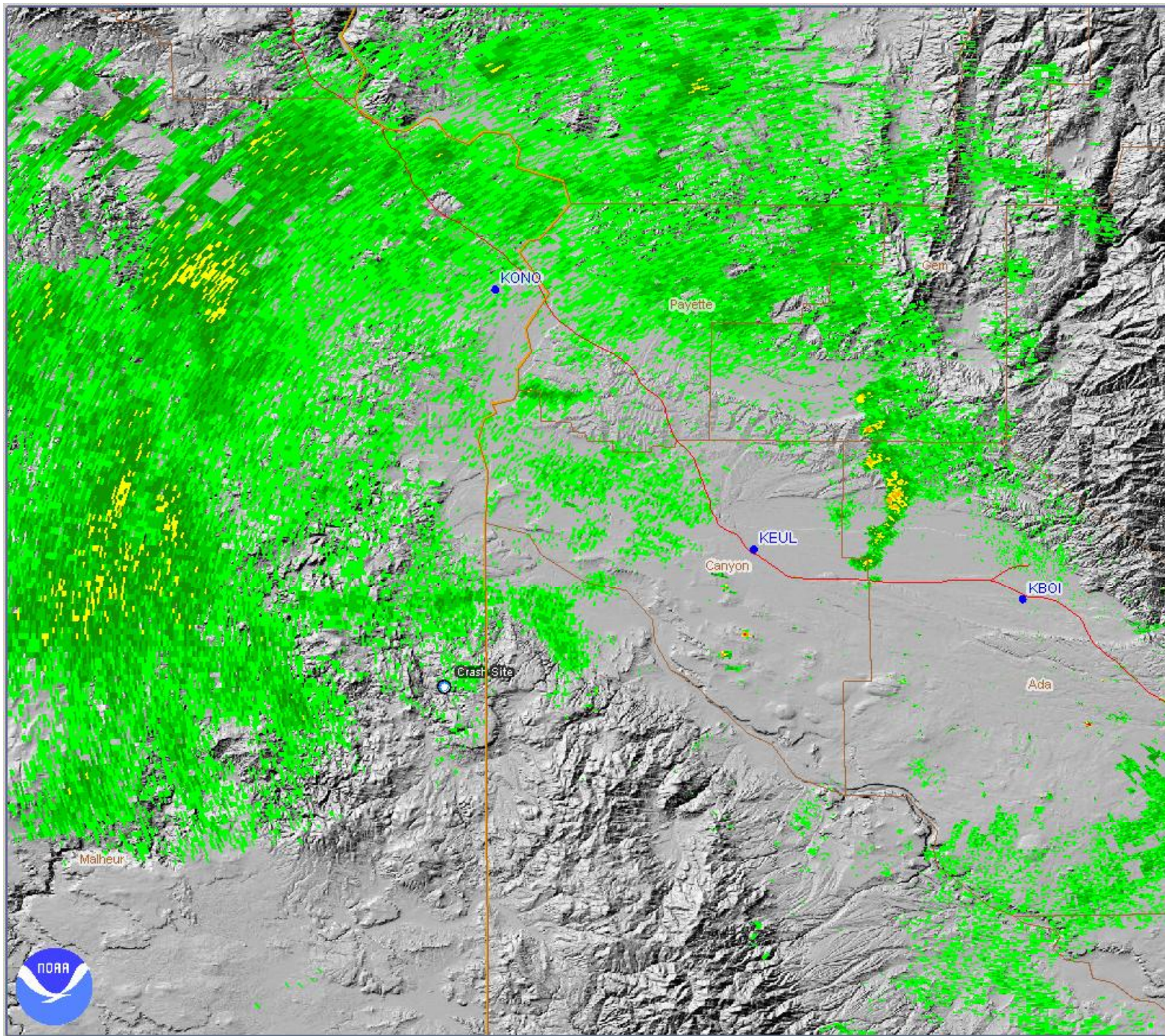
MOON

Moonrise	9:18 p.m. on preceding day
Moon transit	2:47 a.m.
Moonset	8:25 a.m.
Moonrise	9:39 p.m.
Moonset	9:28 a.m. on following day

Phase of the Moon on 7 August: waning gibbous with 97% of the Moon's visible disk illuminated.

Full Moon on 5 August 2009 at 6:55 p.m. Mountain Daylight Time.

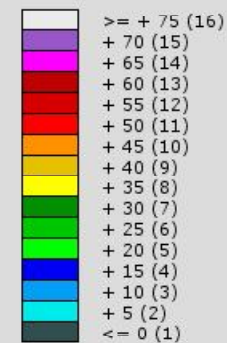




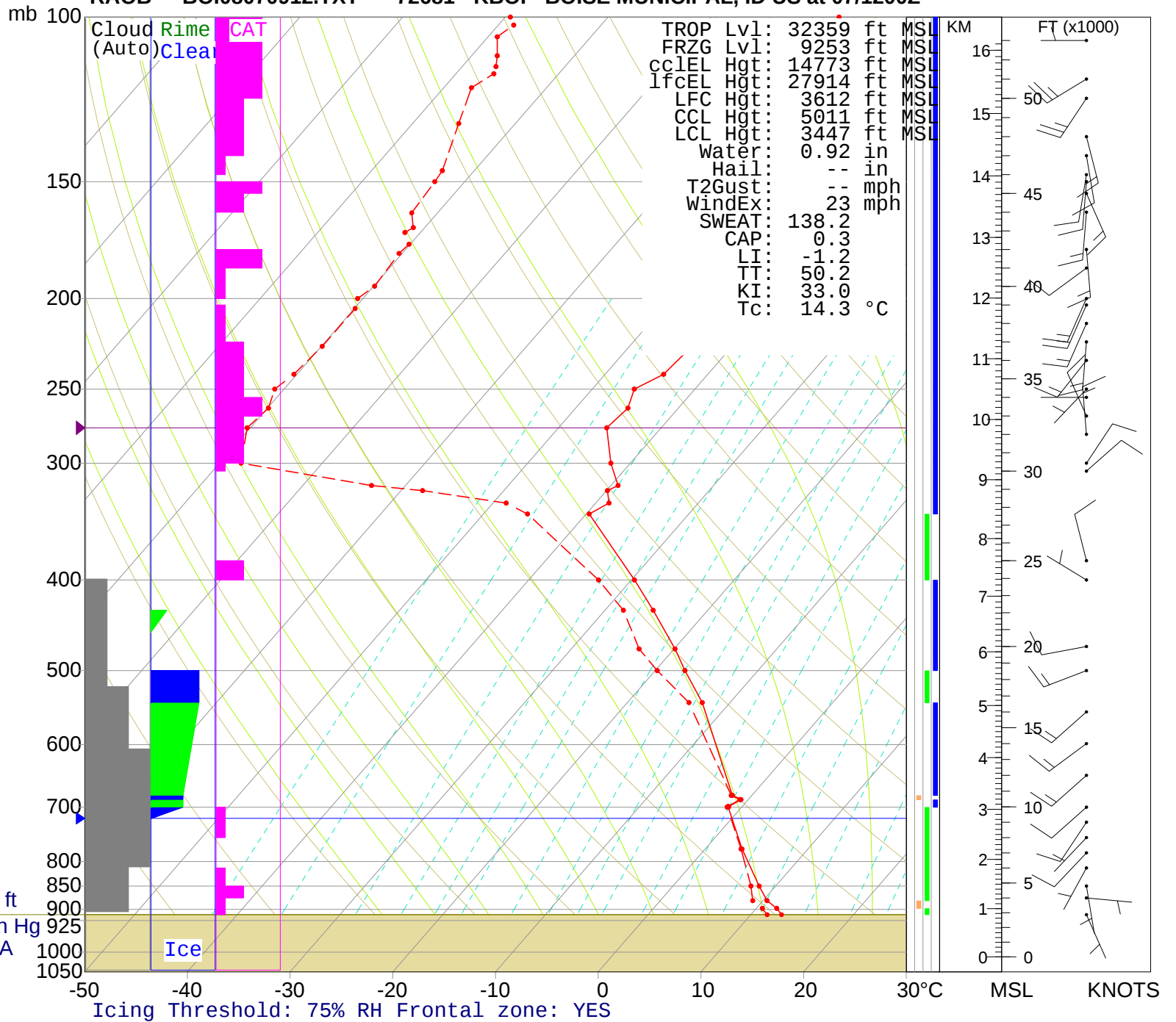
NEXRAD LEVEL-II
KCBX - BOISE, ID
08/07/2009 17:57:22 GMT
LAT: 43/29/26 N
LON: 116/14/07 W
ELEV: 3061 FT
VCP: 211

REFLECTIVITY
ELEV ANGLE: 0.53

Legend: dBZ (Category)



RAOB - BOI08070912.TXT -- 72681 - KBOI - BOISE MUNICIPAL, ID US at 07/1200Z



RAOB: BOI08070912.TXT // 72681 - KBOI - BOISE MUNICIPAL, ID US at
07/1200Z

Data Type: CODED Integrated data levels: 117

Lat: 43°34'00" N Lon: 116°13'00" W Elev: 874 meters

Level	Height (ft-MSL)	Pres (mb)	T (C)	Td (C)	RH (%)	DD/FF (deg/kts)	CAT (FAA)	LLWS	Icing - Type (AF @ 75% RH)
1	2867	912.0	13.0	11.6	91	155/4			
2	3294	898.0	12.0	10.6	91				
3	3819	881.0	10.4	9.0	91		LGT		
4	4000	875.2				95/3	MDT		
5	4796	850.0	8.4	7.6	95	170/5	LGT		
6	6000	812.9				210/7			
7	7000	783.2				225/8			
8	7250	776.0	3.6	3.5	99				Base:720 mb
9	8000	754.3				225/7	LGT		
10	9000	726.3				215/11	LGT		
11	9976	700.0	-1.3	-1.4	99	230/12			LGT Clear
12	10013	699.0	-1.3	-1.4	99				LGT Rime
13	10467	687.0	-0.7	-0.8	99				LGT Rime
14	10735	680.0	-1.9	-2.0	99				LGT Clear
15	12000	647.2				230/13			
16	14000	598.6				235/15			
17	16000	553.6				230/16			
18	16590	541.0	-12.7	-14.0	90				MDT Rime
19	18548	500.0	-17.1	-19.8	79	250/13			MDT Clear
20	19856	474.0	-19.9	-23.4	74				Base:455 mb
21	20000	471.2				260/10			
22	22147	431.0	-25.3	-28.2	77				TRC Rime
23	23910	400.0	-29.7	-33.2	72	300/6	MDT		
24	25000	381.4				345/11			
25	27635	340.0	-39.7	-45.7	53				
26	28238	331.0	-38.7	-48.7	34				
27	28927	321.0	-39.9	-57.9	13				
28	29208	317.0	-39.3	-63.3	6				
29	30000	306.0				50/8	LGT		
30	30440	300.0	-41.9	-77.9	1	35/8	MDT		
31	32000	279.5				355/16			
32	32359	275.0	-45.3	-80.3	1		MDT		
33	33000	267.1				335/12			
34	33420	262.0	-44.9	-79.9	1		SVR		
35	34000	255.1				270/2	MDT		
36	34446	250.0	-45.9	-80.9	1	225/4			
37	35250	241.0	-44.3	-80.3	1		MDT		
38	36000	232.9				220/14			
39	36762	225.0	-43.9	-79.9	1		MDT		
40	37000	222.6				185/13	LGT		
41	38000	212.7				205/14			
42	38808	205.0	-44.9	-79.9	1		LGT		
43	39000	203.2				205/17			
44	39350	200.0	-44.5	-80.5	1	205/16			

45	40020	194.0	-43.9	-79.9	1		LGT
46	41000	185.5				235/10	
47	41787	179.0	-45.3	-80.3	1		SVR
48	42000	177.3				175/13	
49	42282	175.0	-45.1	-80.1	1		
50	42915	170.0	-46.5	-81.5	1		
51	43173	168.0	-46.1	-81.1	1		
52	43964	162.0	-47.5	-82.5	1		
53	44000	161.7				185/13	MDT
54	45000	154.4				155/13	SVR
55	45628	150.0	-48.9	-82.9	1	185/12	
56	46000	147.4				190/12	
57	46210	146.0	-49.1	-83.1	1		LGT
58	47000	140.7				170/8	MDT
59	48000	134.3				165/15	
60	48690	130.0	-52.5	-85.5	1		MDT
61	50000	122.2				215/25	
62	50557	119.0	-54.3	-87.3	1		SVR
63	51000	116.5				240/24	
64	51278	115.0	-53.3	-86.3	1		
65	51648	113.0	-53.7	-86.7	1		
66	52214	110.0	-54.5	-87.5	1		SVR
67	53000	105.9				270/3	
68	53186	105.0	-57.1	-89.1	1		
69	53789	102.0	-56.5	-88.5	1		SVR
70	54200	100.0	-57.5	-89.5	1	120/12	MDT
71	55850	92.3	-60.3	-91.3	1	195/14	
72	56528	89.3	-58.7	-89.7	1		
73	58408	81.5	-59.5	-90.5	1		
74	58611	80.7	-58.1	-89.1	1		
75	59553	77.1	-58.7	-89.7	1		LGT
76	60000	75.5				360/5	MDT
77	61550	70.0	-57.5	-89.5	1	155/6	
78	61969	68.6	-56.7	-88.7	1		
79	64577	60.5	-57.7	-89.7	1		
80	65000	59.3				0/0	
81	66372	55.5	-55.5	-87.5	1		LGT
82	68557	50.0	-55.1	-87.1	1	15/13	
83	69000	49.0				20/13	
84	69899	46.9	-54.9	-86.9	1		SVR
85	70000	46.7				75/15	
86	70718	45.1	-56.1	-88.1	1		LGT
87	71000	44.5				85/13	
88	71282	43.9	-54.9	-86.9	1		XTR
89	72000	42.4				140/19	
90	72709	41.0	-56.7	-88.7	1		SVR
91	73000	40.4				185/10	MDT
92	74000	38.6				125/4	
93	74139	38.3	-52.7	-85.7	1		
94	76527	34.2	-54.7	-87.7	1		
95	79302	30.0	-50.9	-84.9	1	55/13	MDT
96	80000	29.0				75/14	LGT
97	81000	27.7				60/18	
98	81479	27.1	-49.7	-83.7	1		LGT
99	82000	26.4				60/22	
100	84000	24.1				75/22	SVR
101	85000	23.0				115/15	MDT
102	86000	21.9				90/16	LGT
103	87000	20.9				105/19	LGT
104	87991	20.0	-50.5	-84.5	1	100/22	
105	88423	19.6	-50.5	-84.5	1		MDT
106	89000	19.1				120/21	SVR
107	90000	18.2				85/21	LGT

12Z 07 Aug 2009 500 mb

12Z 07 Aug 2009 700 mb

