WS FORM F-6
(9-76)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: AUGUST

YEAR: 1988

LATITUDE: 36° 37′ N

LONGITUDE: 116° 01′ W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: PACIFIC

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED KTS	PEAK SPEED KTS	DIRECTION	SUNSHINE AVG STATION PRESS (INS)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	100	71	85			20	1.10			9.9	57	NW	26.53		2	T RW	54	38	20	32
2	98	74	86			21	T			12.0	30	SW	26.52		3	T RW	71	32	24	33
3	98	75	87			22				9.0	41	S	26.60		1		49	30	17	33
4	103	75	89			24				8.8	34	SW	26.58		6	T	35	23	18	40
5	96	75	86			21				9.5	26	SW	26.54		7		46	32	26	23
6	91	70	81			16				11.6	32	SW	26.51		0		38	19	17	16
7	93	61	77			12				7.0	21	W	26.55		0		30	22	16	18
8	97	68	83			18				6.3	18	NE	26.60		0		27	16	15	14
9	97	63	80			15				5.9	20	E	26.56		1		24	15	19	21
10	96	66	81			16				9.5	32	SW	26.48		0		36	16	16	16
11	95	64	80			15				8.6	31	S	26.49		0		23	18	17	15
12	93	62	78			13				8.7	32	SW	26.52		0		15	14	17	15
13	93	62	78			13				10.6	30	S	26.54		0		23	16	15	14
14	93	63	78			13				11.0	32	SW	26.52		0		23	17	16	14
15	92	66	79			14				11.2	32	SW	26.48		0		17	15	15	14
16	96	59	78			13				7.6	18	SW	26.51		0		20	15	17	18
17	100	64	82			17				8.3	29	SW	26.53		0		17	18	19	24
18	102	68	85			20				6.6	24	SW	26.53		1		28	17	16	20
19	104	76	90			25				8.3	30	W	26.48		3		32	18	20	24
20	91	75	83			18				10.0	26	E	26.46		7		34	44	31	58
21	95	68	82			17				7.0	20	W	26.47		3		71	45	31	49
22	96	71	84			19	T			6.7	29	SE	26.58		3	RW	76	48	35	41
23	98	72	85			20	0.01			6.8	28	SE	26.65		6	TRW	58	29	55	58
24	93	77	85			20	T			7.8	25	SE	26.70		9	RW	69	52	39	53
25	99	77	88			23	T			6.4	25	S	26.64		8	TRW	60	33	29	67
26	97	69	83			18	0.38			8.7	30	NE	26.54		8	TRW	72	37	57	97
27	93	69	81			16	0.01			6.2	21	SE	26.50		8	RW	100	61	31	67
28	95	70	83			18	0.02			6.7	23	SE	26.57		7	TRW	87	43	33	41
29	97	69	83			18	0.35			9.8	51	NE	26.57		4	TRW	49	23	23	56
30	92	66	79			14				5.8	18	NE	26.50		9		76	36	30	52
31	97	67	82			17				8.8	40	SE	26.47		1		68	33	18	45
SUM	2980	2132	—	—		547	1.87		—	261.1	—	—	822.72	—	97	—	1428	865	752	1088
AVG	96.1	68.8	—	—	—	—	—	—	—	8.4				%	3.1	—	46	28	24	35
										MISC. →	FASTEST 57	DIRECTION NW	POSSIBLE 26.54			—				

TEMPERATURE DATA

AVERAGE MONTHLY 82.5

DEPARTURE FROM NORMAL 0.5

HIGHEST 104 ON 19

LOWEST 59 ON 16

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 31

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL 0

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 547

DEPARTURE FROM NORMAL 13

SEASONAL TOTAL 1871

DEPARTURE FROM NORMAL +129

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.87 IN.

DEPARTURE FROM NORMAL 0.76 IN.

GREATEST IN 24 HRS. 1.10 ON 1

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON –

GREATEST DEPTH ON GROUND 0 ON –

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 20

PARTLY CLOUDY (Scale 4–7) 6

CLOUDY (Scale 8–10) 5

WITH 0.01 INCH OR MORE PRECIP. 6

WITH 0.10 INCH OR MORE PRECIP. 3

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 1

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG WITH VISIBILITY ¼ MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = DUSTSTORM OR SANDSTORM
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

HIGHEST STATION 26.760 IN. ON 24

LOWEST STATION 26.410 IN. ON 19, 31

WS FORM F-6 SUPERSEDES WS FORM F-6 (9-74) WHICH SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED.

☆ U.S. G.P.O. 1978-765-092/1151 REG.#6

(4-8c)

NOAA
NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

DATE AUG 31 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.455			54	4	4	AC	120												4	0	.005			00-01
01 58	26.450			55	7															7					01-02
02 56	26.450			71	3															3					02-03
03 50	26.460			68	3	2	AC	140	1	CI	250	3								3	3	.005			03-04
04 50	26.470			73	2															2					04-05
05 50	26.480			63	2															2					05-06
06 50	26.490			62	2	1	AC	140	1	CI	250	2								2	2	.030			06-07
07 50	26.500			44	2															2					07-08
08 50	26.500			37	2															2					08-09
09 50	26.500			33	2	1	AC	140	1	CI	250	2								2	1	.010			09-10
10 50	26.490			27	1															1					10-11
11 50	26.470			26	0															0					11-12
12 50	26.460			23	0	0	CB	80	0	AC	140	0	0	CI	250	0				0	7	.040			12-13
13 50	26.430			20	1															1					13-14
14 50	26.420			18	1															1					14-15
15 57	26.410			18	0	0	CB	80	0	CI	250	0								0	6	.050			15-16
16 56	26.410			18	0															0					16-17
17 57	26.425			20	0															0					17-18
18 55	26.450			36	1	1	CB	80												1	3	.040			18-19
19 58	26.500			38	4															4					19-20
20 57	26.520			41	2															2					20-21
21 55	26.520			45	6	1	CB	80	6	CI	E250	6								5	1	.070			21-22
22 57	26.490			32	9															9					22-23
23 56	26.485			32	9															9					23-00

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	75	69	X	X						X		
	0348	1	0	0	0	76	69		0								
	0948	2	0	0	0	87	67		0								
	1550	3	0	0	0	97	87		0								
	2150	4	0	0	0	96	78		0								
	MID.	X	0	0	0	84	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	215
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.500	26.410	26.5
BAROGRAPH 64	26.460	26.500	26.410	26.5
BAR. CORR. 65	± 0	± 0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	67	0	0	0	40	SE	2038					1	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	END 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0514 SUNSET 1815

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1043P/1645P/

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

DATE AUG 31 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	120 SCT	20			062	74	56	08	05		985	002 1030	DC
SA	0158	E150 BKN	20			060	73	56	33	03		984		DC
SA	0256	150 SCT 250 SCT	20			065	70	60	10	07		984		DC
SA	0350	140 SCT 250 SCT	20			068	69	58	01	05		985	302 1032 69 RADAT 62146	CH
SA	0450	140 SCT 250 SCT	20			072	68	59	07	04		986		CH
SA	0550	140 SCT 250 SCT	20			076	70	57	00	00		987		CH
SA	0650	140 SCT 250 SCT	20			081	73	59	31	05		988	210 1032	CH
SA	0750	140 SCT 250 SCT	20			083	80	56	31	04		990		CH
SA	0850	140 SCT 250 SCT	20			082	84	55	25	04		990		CH
SA	0950	140 SCT 250 SCT	20			080	87	54	24	07		990	103 1032 67	CH
SA	1050	250 SCT	20			077	91	52	25	05		988	TCU SE	CH
SA	1150	CLR	20			069	92	52	15	05		986	CB SE	CH
SA	1250	CLR	20			064	94	50	22	10		985	CB N AND SE LTL MVMT	
													714 1931	CH
SA	1350	80 SCT	20			052	95	48	23	08		982	CB NW AND N LTL MVMT	CH
SA	1450	80 SCT	20			049	96	46	24	07		981	CB NW-NE AND SE STNRY	CH
SA	1557	CLR	20			045	96	45	24	09		980	CB NW-N FEW TCU/	DC
													617 1903 97	
													RADAT 51149	
SA	1656	CLR	20			045	95	45	23	08		980	CB NW-NE SE AND	DC
													DSNT SW	
SA	1757	CLR	20			053	92	45	23	07		982	CB N-NE	DC
SA	1855	80 SCT	20			065	84	54	03	07		984	CB OCNL LTG ICCG	DC
													NE-E AND DSNT	
													NW / 314 1900	
RS	1958	80 SCT	20			081	82	54	12	28	G35	990	WSHFT 26 CB FQT	DC
													LTG ICCG E-SE	
													PRESRR	
SA	2057	80 SCT	20			088	80	54	12	26	G38	992	CB OCNL LTG DSNT	DC
													SE PK WND 1240/38	
SA	2155	80 SCT E250 BKN	20			087	78	55	11	24	G30	992	CB OCNL LTG DSNT	DC
													SE PK WND 1138/14	
													/124 1903 97	
SA	2257	E120 BKN	20			070	83	50	12	17	G24	988		DC
SA	2356	E120 BKN	20			069	82	49	06	06		988		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE AUG 30 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.560			68	10	6	AC	E120	10	CS	250	10								7	0	.015			00-01
01 57	26.550			58	7															6					01-02
02 56	26.540			73	10															5					02-03
03 50	26.540			76	10	3	AC	120	10	CS	250	10								4	6	.020			03-04
04 50	26.540			81	10															3					04-05
05 50	26.560			73	10															4					05-06
06 50	26.560			68	10	3	AC	120	10	CS	E250	10								6	1	.020			06-07
07 50	26.560			62	10															6					07-08
08 50	26.560			49	10															6					08-09
09 50	26.550			36	9	0	CU	80	2	AC	120	2	7	CS	E250	9				5	8	.010			09-10
10 50	26.540			30	9															5					10-11
11 50	26.520			31	9															5					11-12
12 50	26.500			30	9	0	CU	80	9	CS	E250	9								5	7	.050			12-13
13 50	26.470			29	9															5					13-14
14 50	26.450			31	8															5					14-15
15 58	26.430			30	9	0	CB	80	9	CI	E250	9								8	7	.070			15-16
16 55	26.420			30	9															6					16-17
17 55	26.425			31	8															4					17-18
18 58	26.445			49	8	0	CB	80	8	CS	250	8								3	3	.015			18-19
19 57	26.450			49	0															0					19-20
20 58	26.455			54	0															0					20-21
21 56	26.450			52	0	0	CI	250												0	0	.005			21-22
22 54	26.455			64	0															0					22-23
23 58	26.465			62	3															3					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		74	67										
	0348	1	0	0	0	77	67		2								
	0948	2	0	0	0	85	66		2								
	1550	3	0	0	0	92	84		1								
	2150	4	0	0	0	89	75		0								
	MID.		0	0	0	76	71										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.550	26.430	26.450
BAROGRAPH 64	26.545	26.550	26.435	26.455
BAR. CORR. 65	-.005	± 0	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	66	0	0	0	18	NE	0129					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0513 SUNSET 1816

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0410P/ 2010P/

0350/0350

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 30 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0056	E120 BKN 250 OVC	20			101	71	60	18	06		996	005 1077	DC
SA	0157	120 SCT E250 BKN	20			099	73	57	06	10		995		DC
SA	0256	120 SCT 250-OVC	20			095	69	60	32	08		994		DC
SA	0350	120 SCT 250-OVC	20			095	68	60	19	05		994	6~~26~~ 07 1077 67 20035	
													RADAT 72146	CH
SA	0450	120 SCT 250-OVC	20			096	67	61	03	05		994		CH
SA	0550	120 SCT 250-OVC	20			114	69	60	00	00		996		CH
SA	0650	120 SCT E250 OVC	20			115	71	60	00	00		996	107 1077	CH
SA	0750	120 SCT E250 OVC	20			114	74	60	31	05		996		CH
SA	0850	120 SCT E250 OVC	20			108	79	58	00	00		996		CH
SA	0950	120 SCT E250 BKN	20			102	85	55	00	00		995	803 1178 66	CH
SA	1050	120 SCT E250 BKN	20			097	87	52	27	07		994	CU SE	CH
SA	1150	120 SCT E250 BKN	20			090	89	54	23	07		992	FEW CU	CH
SA	1250	E250 BKN	20			083	89	53	27	08		990	717 1108	CH
SA	1350	E250 BKN	20			069	91	54	23	10		986	CB DSNT E	CH
SA	1450	E250 BKN	20			065	88	53	24	12		984	CB DSNT NW AND E	CH
SA	1558	E250 BKN	20			057	89	53	22	09		982	CB DSNT SE AND NW	DC
													-N / 724 1902 92	
													RADAT 34147	
SA	1655	E250 BKN	20			054	89	53	22	09		981	CB DSNT SE AND	DC
													NW-N	
SA	1755	250-BKN	20			055	88	53	24	06		982	CB N AND DSNT SE	DC
SA	1858	250-BKN	20			065	81	60	36	09		984	CB FQT LTG IC DSNT	DC
													NW TCU N / 305	
													1908	
SA	1957	CLR	20			065	79	58	12	05		984	CB OCNL LTG DSNT	DC
													NW FEW AC	
SA	2058	CLR	20			066	77	59	33	05		985	FEW AC	DC
SA	2156	CLR	20			062	76	57	12	07		984	002 1002 92	DC
SA	2254	CLR	20			066	73	60	00	00		985	ACSL E FEW CI	DC
SA	2358	120 SCT	20			068	72	58	07	05		986		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE AUG 29 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.570			45	3	3	AC	160												3	4	.000			00-01
01 58	26.560			46	3															3					01-02
02 56	26.560			53	2															2					02-03
03 50	26.570			49	2	2	AC	160												2	5	.000			03-04
04 50	26.580			48	2															2					04-05
05 50	26.590			59	2															2					05-06
06 50	26.600			50	2	1	AC	160	1	CI	250	2								2	2	.030			06-07
07 50	26.600			36	2															2					07-08
08 50	26.610			31	2															1					08-09
09 50	26.600			23	2	0	CU	80	0	AC	150	0	2	CI	250	2				0	0	.000			09-10
10 50	26.590			28	2															0					10-11
11 50	26.580			27	2															0					11-12
12 50	26.560			25	3	1	CB	80	2	CI	250	3								1	7	.040			12-13
13 50	26.530			25	5															2					13-14
14 50	26.500			24	7															4					14-15
15 58	26.475			23	5	2	CB	80	3	CI	250	5								4	7	.085			15-16
16 49	26.475			24	9															9					16-17
17 51	26.540			58	10															10					17-18
18 57	26.620			76	10	10	CB	E70												10	3	.145			18-19
19 48	26.610			76	10															10					19-20
20 57	26.570			56	10															10					20-21
21 58	26.545			56	10	1	SC	80	5	AC	E110	6	4	CS	250	10				9	7	.075			21-22
22 57	26.565			60	10															8					22-23
23 58	26.565			62	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	77	71	X	X						X		
	0348	1	0	0	0	81	71		0								
	0948	2	0	0	0	93	70		0								
	1550	3	0	0	0	97	91		0								
	2150	4	.35	0	0	96	69		2								
	MID.	X	0	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.475	26.545
BAROGRAPH 64	26.570	26.600	26.480	26.540
BAR. CORR. 65	± 0	± 0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	69	.35	0	0	51	NE	1727					4	.5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1605	1727			
RW-	1702	1726			
T+	1727	1749			
RW+	1726	1738			
RW-	1738	1812			
T	1749	2005			
RW+	1812	1818			
RW-	1818	2002			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0513 SUNSET 1817

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1041P/1600P/

1814 PST – CLOUD TO GROUND LIGHTNING STRIKE APPROX. 75 YARDS SW OF STATION

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

DATE **AUG 29 1988**

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	160 SCT	20			105	75	52	29	04		997	400 1030	DC
SA	0158	160 SCT 250 SCT	20			101	74	52	36	07		996		DC
SA	0256	160 SCT	20			101	72	54	00	00		996		DC
SA	0350	160 SCT	20			107	71	51	00	00		997	500 103071 20002	
													RADAT 59148	CH
SA	0450	160 SCT	20			115	73	52	05	06		999		CH
SA	0550	160 SCT	20			120	70	55	00	00		000		CH
SA	0650	160 SCT 250 SCT	20			122	76	56	30	05		001	210 1071	CH
SA	0750	160 SCT 250 SCT	20			117	84	54	29	06		001		CH
SA	0850	250-SCT	20			118	88	53	31	04		002		CH
SA	0950	250-SCT	20			115	93	50	13	05		001	000 1171 70	CH
SA	1050	250-SCT	20			111	92	54	23	07		000	TCU SE	CH
SA	1150	250-SCT	20			107	93	54	26	10		999	CB E AND S	CH
SA	1250	80 SCT 250-SCT	20			099	95	53	23	12		996	CB ALQDS RWU S/714 1901	CH
SA	1350	80 SCT 250-SCT	20			090	95	53	23	14		993	CB ALQDS LTL MVMT	CH
SA	1450	80 SCT E250 BKN	20			079	96	53	26	10		990	CB NW AND SE-S LTL MOVMT	CH
SA	1558	80 SCT 250 SCT	20			070	96	52	23	09		987	CB ALQDS MOVG SW	DC
													/ 729 1903 97 RADAT 57148	
SP	1606	80 SCT 250 SCT	20		T				21	09		987	T B05 OCNL LTGCG	DC
													RWU NE MOVG SW	
													CB ALQDS	
SA	1649	70 SCT E120 BKN 250 BKN	20		T	070	95	52	21	14	G20	987	T B05 N-E AND OVHD	DC
													MOVG SLOLY SW OCNL	
													LTG ICCG RW+ NE	
SP	1729	E60 OVC	10		T+RW+				05	26	G51	992	T FQT LTG ICCCCG	DC
													OVHD NW-SE MOVG	
									* PRESRR				SW VSBY NW-NE 2*	
SA	1751	E60 OVC	20		TRW-	105	75	59	05	30	G35	994	T OVHD ALQDS MOVG	DC
													SW OCNL LTG ICCG	
													RB02 RW- OCNLY RW+	
													PRESRR PK WND 0551/27	
SA	1857	E70 OVC	20		TRW-	135	70	62	10	26	G45	003	T FQT LTG ICCCCG	DC
													OVHD NE-SW MOVG	
													SW PK WND 1045/49	
													PRESRR / 34935 19//	
SA	1948	E80 OVC	20		TRW-	126	70	62	10	32	G40	002	T S MOVG SW CB	DC
													FQT LTG ICCCCG E-SW	
													PK WND 1040/47	
SP	2008	80 SCT E120 OVC	20						11	32	G44	002	T E05 MOVD SW CB	DC
													FQT LTG ICCCCG SE-SW	
SA	2057	80 SCT E140 OVC	20			109	74	57	10	07		997	T E05 MOVD SW CB	DC
													OCNL LTG SW RE02	
													PK WND 1044/04	
SA	2158	80 SCT E110 BKN 2500 OVC	20			096	75	58	36	09		995	72535 1468 97	DC
SA	2257	100 SCT E250 OVC	20			105	74	59	06	08		997		DC
SA	2358	E100 BKN 250 OVC	20			104	72	58	11	11		997		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

U.S. GPO 1984-764-705/9085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO/ DESERT ROCK NEVADA

DATE AUG 28 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.540			76	2	2	Ci	250												1	4	.000			00-01
01 50	26.540			77	0															0					01-02
02 50	26.530			79	0															0					02-03
03 50	26.570			87	0	0	Ci	250												0	3	.030			03-04
04 50	26.580			82	2															0					04-05
05 50	26.600			84	2															0					05-06
06 50	26.610			69	3	0	Cu	80	3	Ci	250	3								0	2	.040			06-07
07 50	26.620			60	4															0					07-08
08 50	26.610			50	6															1					08-09
09 50	26.610			43	8	0	Cu	80	8	Ci	250	8								3	0	.000			09-10
10 50	26.610			40	8															3					10-11
11 50	26.590			38	9															4					11-12
12 50	26.570			34	9	1	CB	80	8	Ci	E250	9								6	8	.040			12-13
13 50	26.540			36	9															6					13-14
14 50	26.530			33	9															7					14-15
15 57	26.520			33	9	3	CB	80	6	AS	E150	9								9	7	.050			15-16
16 49	26.560			51	10															10					16-17
17 50	26.560			38	10															10					17-18
18 58	26.550			46	10	1	CB	70	9	AS	E120	10								10	0	.030			18-19
19 57	26.560			41	10															10					19-20
20 55	26.570			37	10															10					20-21
21 52	26.570			41	10	10	AS	E150												10	1	.020			21-22
22 54	26.570			41	10															9					22-23
23 58	26.570			42	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	77	71	X	X						X		
	0348	1	0	0	0	79	71		0								
	0948	2	0	0	0	87	70		0								
	1550	3	0	0	0	95	85		0								
	2148	4	.02	0	0	93	78		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.610	26.520	26.570
BAROGRAPH 64	26.560	26.610	26.520	26.570
BAR. CORR. 65	+010	±0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	70	.02	0	0	23	SE	1608					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1411	1841			
RW-	1709	1801			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:12 SUNSET 18:19

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060 2P/2000P/

1412/1412

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 28 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 - SCT	20			096	75	67	13	04		994	400 1001	DCa
SA	0150	CLR	20			096	74	66	03	05		994	Ci W-NW	DCa
SA	0250	CLR	20			099	73	66	28	03		995	Ci W	DCa
SA	0350	CLR	20			107	71	67	07	04		997	310 1001 71 RADAT 61144	CH
SA	0450	250-SCT	20			112	72	66	13	04		999		CH
SA	0550	250-SCT	20			120	71	66	04	04		001		CH
SA	0650	250-SCT	20			125	76	65	33	04		002	214 1101	CH
SA	0750	250-SCT	20			127	80	65	16	06		003	FEW CU	CH
SA	0850	250-BKN	20			121	84	63	14	07		002	FEW CU	CH
SA	0950	250-BKN	20			121	86	61	35	04		002	000 1101 70	CH
SA	1050	80 SCT 250-BKN	20			121	87	60	25	04		002		CH
SA	1150	80 SCT 250-BKN	20			114	90	61	25	05		000		CH
SA	1250	80 SCT E250 BKN	20			106	93	60	21	10		997	CB N STNRY/814 1902	CH
SA	1350	80 SCT E250 BKN	20			094	94	63	23	14		994	CB NW-NE STNRY	CH
~~SA~~	~~1450~~	80 SCT E250 BKN	10		T				24	14		994	T B11 N STNRY	CH
SA	1450	80 SCT E250 BKN	10		T	090	95	61	21	10		993	T B11 N-NE MOVG SE	
													OCNL LTG CG IC N RWUN	CH
SA	1557	80 SCT E150 BKN	20		T	088	93	59	12	09		992	T NE-SE MOVG SE	DC
													CB ALQDS RW+ SE	
													/717 1920 95 RADAT	
													57149	
SA	1649	70 SCT E120 OVC	20		T	107	82	62	32	15		996	T SW-NW MOVG	DC
													SLOLY SE CB OVHD	
													ALQDS RWU NW	
SA	1750	70 SCT E120 OVC	20		TRW-	109	81	53	24	11	G18	996	T OCNL LTG ICCCCG	DC
													OVHD AND SE-SW	
													MOVG S RW+ SW	
													RB09	
SP	1842	70 SCT E120 OVC	20						16	10		995	T E41 MOVD SW	DC
													CB FQT LTG ICCCCG	
													RWU S-SW	
SA	1858	70 SCT E120 OVC	20			102	82	59	33	04		995	T E41 MOVD SW	DC
													CB FQT LTG ICCCCG RWU	
													S-SW RE01/01002 192/	
SA	1957	E120 OVC	20			105	82	56	34	10		996	FQT LTG ICCG SW-W	DC
SA	2055	E120 OVC	20			106	82	53	33	06		997		DC
SA	2152	E150 OVC	20			106	80	54	03	05		997	10702 101/ 95	DC
SA	2254	E200 OVC	20			106	79	53	06	07		997		DC
SA	2358	200-BKN	20			105	77	52	05	05		997		DC

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE AUG 27 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.560			97	10	4	Sc	60	4	Ac	E130	8	10	Cs	200	10				10	0	.000			00-01
01 50	26.560			100	10															8					01-02
02 50	26.550			100	10															8					02-03
03 50	26.550			100	10	3	Sc	60	2	Ac	130	5	5	Cs	6200	10				9	7	.010			03-04
04 55	26.550			94	10															9					04-05
05 50	26.560			97	10															8					05-06
06 55	26.560			82	9	1	Cu	80	5	Ac	6150	6	3	Ci	200	9				8	2	.010			06-07
07 55	26.550			67	7															6					07-08
08 50	26.560			63	8															7					08-09
09 53	26.550			61	9	1	Cu	100	1	Ac	180	2	7	Ci	6250	9				6	7	.010			09-10
10 55	26.540			52	9															7					10-11
11 57	26.530			55	9															7					11-12
12 55	26.510			49	8	3	Cu	60	5	Ci	6250	8								7	8	.040			12-13
13 53	26.480			37	7															6					13-14
14 50	26.460			35	7															5					14-15
15 50	26.460			31	5	2	Cu	60	3	Ci	250	5								3	6	.050			15-16
16 55	26.470			42	5															4					16-17
17 50	26.480			48	7															3					17-18
18 50	26.490			53	8	2	CB	60	6	Ci	250	6								4	2	.030			18-19
19 50	26.510			59	3															1					19-20
20 50	26.530			59	1															1					20-21
21 50	26.540			67	2	2	Ci	250												1	2	.050			21-22
22 50	26.540			67	3															1					22-23
23 50	26.540			72	2															1					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		.01	0		72	69										
	0349	1	.02	0	0	72	69		1								
	0952	2	0	0	0	85	71		0								
	1549	3	0	0	0	93	84		0								
	2149	4	0	0	0	93	79		0								
	MID.		0	0	0	79	75										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0952	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.550	26.460	26.540
BAROGRAPH 64	26.540	26.550	26.470	26.530
BAR. CORR. 65	+.010	±0	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	69	.01	0	0	21	SE	1524					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0038	0129			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:11 SUNSET 18:20

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1105P 1165P

0350/20039/0433 0350/1537/0435

0350/69/0434

1850/CLD CD GP 1901/0600-28

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

DATE AUG 27 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	60 SCT E130 BKN 200 OVC	20		RW—	103	71	70	09	05		996	RB38 /00002 1537	Dca
SA	0150	60 SCT 130 SCT E 200 OVC	20			102	71	71	08	05		996	RE29	Dca
SA	0250	60 SCT 130 SCT E 200 OVC	20			099	71	71	24	03		995		Dca
SA	0350	60 SCT 130 SCT E 200 OVC	20			098	71	71	04	04		995	703 02 1547 3 ~~71~~ 69 200 ~~40~~ 39	008
SA	0455	60 SCT 150 SCT E 200 OVC	20			100	72	70	31	03		995	RADAT 55150	008
SA	0550	80 SCT E 150 BKN 200 OVC	20			106	72	71	27	03		996		008
SA	0655	80 SCT E 150 BKN 200 BKN	20			107	76	70	32	04		996	203 1232	008
SA	0755	150 SCT E 220 BKN	20			102	80	68	17	04		995		008
SA	0850	180 SCT E 250 BKN	20			107	82	68	13	07		996		008
SA	0953	100 SCT 180 SCT E 250 BKN	20			104	84	69	12	08		995	703 1232 69	008
SA	1055	60 SCT 180 SCT E 250 BKN	20			098	87	67	14	04		994		008
SA	1157	60 SCT 180 SCT E 250 BKN	20			095	86	68	20	11		993		008
SA	1255	60 SCT E 250 BKN	20			087	89	67	22	08		991	814 1202	008
SA	1353	60 SCT E 250 BKN	20			074	91	61	17	05		987		008
SA	1450	60 SCT E 250 BKN	20			065	92	60	14	12		985		008
SA	1550	60 SCT 250 SCT	20			065	93	58	15	13		985	617 1101 93 RADAT DLAD	Dca
SA	1655	60 SCT 250 SCT	20			069	89	63	22	10		986	CB W MOVG N RW	Dca
SA	1750	60 SCT 250- BKN	20			074	88	66	22	07		987	CB NW MOVG N RADAT 48148	Dca
SA	1850	60 SCT 250- BKN	20			079	84	65	24	06		988	CB NW MOVD N/210 ~~HOT~~ MCI	Dca
SA	1950	250-SCT	20			086	82	66	23	04		991		Dca
SA	2050	250 SCT	20			092	82	66	23	05		993		Dca
SA	2150	250-SCT	20			096	79	67	06	07		994	217 1001 93	Dca
SA	2250	250-SCT	20			096	78	66	10	05		994		Dca
SA	2350	250- SCT	20			097	76	66	02	05		994		Dca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-12) WHICH MAY BE USED.

U.S. GPO 1985-0-784-006/8085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE **AUG 26 1988**

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.580			69	10	6	Sc	E80	4	Ac	120	10								10	8	.020			00-01
01 55	26.570			74	10															10					01-02
02 50	26.560			69	10															9					02-03
03 50	26.570			72	10	2	Sc	80	2	Ac	150	4	6	Ci	E250	10				9	5	.010			03-04
04 50	26.570			69	10															10					04-05
05 50	26.580			67	8															8					05-06
06 50	26.580			61	7	2	cu	100	2	Ac	150	4	3	ci	E250	7				6	1	.010			06-07
07 50	26.580			50	8															5					07-08
08 50	26.570			42	8															7					08-09
09 50	26.560			37	8	1	cu	100	3	Ac	150	4	4	ci	E250	8				7	8	.020			09-10
10 50	26.560			36	8															7					10-11
11 50	26.540			33	7															7					11-12
12 50	26.570			33	7	0	CB	60	3	Cu	100	3	4	Ci	E250	7				7	8	.050			12-13
13 50	26.480			29	6															6					13-14
14 50	26.475			28	8															8					14-15
15 50	26.480			35	8	2	CB	60	3	Cu	100	5	3	Ci	E250	8				7	5	.030			15-16
16 50	26.500			47	9															8					16-17
17 50	26.490			62	10															10					17-18
18 50	26.510			57	10	8	CB	M65	2	Ac	120	10								10	3	.030			18-19
19 50	26.540			91	10															10					19-20
20 50	26.550			97	10															10					20-21
21 50	26.560			97	10	3	Sc	30	3	CB	M60	6	10	Ac	80	10				10	2	.080			21-22
22 55	26.560			97	10															10					22-23
23 50	26.570			97	10																				23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		T	0		77	75										
	0349	1	T	0	0	81	75		0								
	0949	2	0	0	0	92	75		0								
	1549	3	0	0	0	97	70		0								
	2149	4	.37	0	0	91	69		2								
	MID.		.01	0	0	92	71										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.560	26.480	26.560
BAROGRAPH 64	26.575	26.575	26.480	26.560
BAR. CORR. 65	-.005	-.015	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	69	.38	0	0	30	NE	1552*					8	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0049	0131			
RW-	1712	1722			
RW	1722	1730			
T	1743	2231			
RW-	1815	1833			
RW-	1906	1942			
RW	1942	2020			
**RW-	1730	1747			
RW-	2020	2322			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:10 SUNSET 18:22

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1044P /1555P /

0550/0550 1745/1745 ** DLAD ENTRY

1750/1750

* LAST OF SEVERAL OCCURANCES

MF 1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE **AUG 26 1988**

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	E 80 BKN 120 OVC	20		RW-	106	77	66	33	03		999	RB49 CB S DSIPTD /	Dca
													80700 143/	Dca
SA	0155	E 80 BKN 120 OVC	20			102	75	67	00	00		997	RE31	Dca
SA	0250	80 SCT 120 SCT E250 OVC	20			097	76	65	20	06		996		Dca
SA	0350	80 SCT 150 SCT E 250 OVC	20			103	75	65	12	05		997	503 1537 75 RADAT 91152	008
SA	0450	E 80 BKN 150 BKN 250 OVC	20			106	76	65	10	03		997		008
SA	0550	E 80 BKN 150 BKN 250 BKN	20			115	76	64	11	05		999	+	008
SA	0650	100 SCT 150 SCT E 250 BKN	20			115	79	64	31	03		999	103 1232	008
SA	0750	100 SCT 150 SCT E 250 BKN	20			110	84	63	26	05		999		008
SA	0850	180 SCT E 250 BKN	20			106	87	61	20	04		997		008
SA	0950	100 SCT 150 SCT E 250 BKN	20			102	91	61	21	09		996	807 1231 75	008
SA	1050	100 SCT 150 SCT E 250 BKN	20			099	92	61	25	10		996		008
SA	1150	100 SCT 150 SCT E 250 BKN	20			092	94	60	11	14	G22	994	CB DSNT SE-SW MOVMT UNK	008
SA	1250	100 SCT E 250 BKN	20			080	95	61	22	13	G20	991	CB DSNT SE-SW MOVMT UNK /	008
													817 1206	
SA	1350	100 SCT E 250 BKN	20			069	97	59	25	14	G20	987	CB DSNT SE-SW MOVMT UNK	008
SA	1450	100 SCT E 250 BKN	20			066	97	58	29	15		987	CB DSNT SE TOU ALQDS	008
SA	1550	60 SCT 100 SCT E250 BKN	20			072	91	59	05	20	G30	987	CB ALQDS STRNY RWU	Dca
													ALQDS / 510 1903 97	
													RADAT 84152	
SA	1650	60 SCT E100 BKN 250 BKN	20			081	86	63	12	15		990	CB SE-SW STRNY OCNL	Dca
													LTGICCCCG SE-SW RWU SE-SW	
SP	1745	E 60 BKN 100 OVC	20		TRW-				100	18		988	TB43 RB12 * STRNY * T OVHD	Dca
													OCNL LTGICCCCG OVHD	
SA	1750	M 65 BKN 100 OVC	20		TRW-	080	79	65	120	15		988	TB43 RB12E47 T OVHD	Dca
													STRNY LTGICCCCG OVHD	
													RWU SE-W	
SA	1850	M 65 BKN 120 OVC	20		T	087	80	63	12	20		991	RB15E33 T OVHD MOVG NE	Dca
													OCNL LTGICCCCG OVHD	
													RWU E-W / 31001 196/	
SA	1950	M 65 OVC	20		TRW	097	73	70	33	07		994	RB06 T OVHD MOVG NE	Dca
													OCNL LTGICCCCG OVHD	
SA	2050	M 65 OVC	20		TRW-	102	71	70	16	05		995	T OVHD MOVG NE OCNL	Dca
													LTGICCCCG OVHD	
SA	2150	30 SCT M 60 BKN 80 OVC	20		TRW-	104	72	71	01	04		996	T OVHD MOVG NE OCNL	Dca
													LTGICCCCG OVHD / 21737	
													196/ 97	
SP	2232	30 SCT M 60 OVC	20		RW-				17	04		994	TE31 CB OVHD MOVG E	Dca
SA	2255	30 SCT 60 SCT E 80 OVC	20		RW-	104	72	71	29	06		996	TE31	Dca
SA	2350	60 SCT 80 SCT E200 OVC	20			100	72	71	23	08		997	RE22 LWR CLDS SE	Dca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO 1984-0-764-500/6085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE AUG 25 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.680			62	8	3	Ac	160	5	Ci	250	8								6	6	.010			00-01
01 50	26.670			58	8															6					01-02
02 50	26.670			56	10															10					02-03
03 50	26.670			60	10	3	Ac	160	7	Ci	E250	10								9	6	.010			03-04
04 50	26.670			58	10															8					04-05
05 50	26.670			67	8															7					05-06
06 50	26.680			48	8	1	Cu	100	5	Ac	E180	6	2	Ci	250	8				7	3	.010			06-07
07 55	26.700			41	8															7					07-08
08 50	26.700			37	7															6					08-09
09 50	26.690			33	8	1	Cu	100	2	Ac	180	3	5	Ci	250	8				4	0	.010			09-10
10 50	26.670			31	8															4					10-11
11 50	26.650			30	8															4					11-12
12 50	26.630			31	8	1	CB	60	3	Cu	100	4	2	Ac	E180	6	2	Ci	250	6	7	.060			12-13
13 50	26.600			28	8															7					13-14
14 50	26.580			27	7															6					14-15
15 55	26.560			29	7	0	CB	60	2	Cu	100	2	5	Ci	E250	7				6	6	.070			15-16
16 50	26.590			47	10															10					16-17
17 50	26.590			63	10															10					17-18
18 50	26.600			77	10	6	CB	M60	10	Ac	100	10								10	2	.040			18-19
19 50	26.610			57	10															10					19-20
20 50	26.620			56	10															8					20-21
21 50	26.600			67	10	6	CB	E80	4	Ac	120	10								9	0	.000			21-22
22 50	26.620			65	10															9					22-23
23 50	26.620			64	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	80	77	X	X						X		
	0349	1	0	0	0	81	77		0								
	0949	2	0	0	0	93	77		0								
	1552	3	0	0	0	99	93		0								
	2150	4	T	0	0	95	77		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.680	26.560	26.600
BAROGRAPH 64	26.680	26.700	26.560	26.615
BAR. CORR. 65	-.010	-.010	+.000	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	77	T	0	0	25	5	1717					8	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1648	2011			
RW-	1648	1911			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:09 SUNSET 18:23

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1046P 1163P P1

1000 PST – CHANGED BAROGRAM

1555/1555

1650/1650

2350/2350

1250/~~E~~ RMKS / 1120 9-7

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK, NEVADA

SURFACE WEATHER OBSERVATIONS

DATE AUG 25 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	160 SCT E 250 BKN	20			153	77	63	00	00		009	603 1031	Oca
SA	0150	160 SCT E 250 BKN	20			146	78	62	05	06		008		Oca
SA	0250	160 SCT E 250 OVC	20			144	79	62	00	00		008		Oca
SA	0350	160 SCT E 250 OVC	20			141	78	63	09	05		008	603 1031 77 RADAT 83157	008
SA	0450	E 140 BKN 250 OVC	20			144	78	62	11	05		008		008
SA	0550	E120 BKN 250 BKN	20			144	77	65	12	08		008		008
SA	0650	100 SCT E 150 BKN 250 BKN	20			148	84	62	31	04		009	303 1151	008
SA	0755	100 SCT E 150 BKN 250 BKN	20			152	88	61	27	04		012		008
SA	0850	100 SCT 150 SCT E 250 BKN	20			152	90	60	27	04		012		008
SA	0950	100 SCT 180 SCT 250-BKN	20			147	93	59	27	08		011	003 1151 77	008
SA	1050	100 SCT 180 SCT 250-BKN	20			139	95	59	21	08		008		008
SA	1150	100 SCT 180 SCT 250-BKN	20			131	97	60	22	08		006	CB SE MOVG N, ACSL SE	008
SA	1250	60 SCT 100 SCT E180 BKN 250 BKN	20			125	97	61	15	06		004	CB OVHD MOVG N 720 1941	008
SA	1350	60 SCT 100 SCT E180 BKN 250 BKN	20			113	98	59	15	10		001	CB NE MOVG N TCU ALQDS	008
SA	1450	100 SCT E 250 BKN	20			105	97	57	14	10		999	CB NE MOVG N TCU ALQDS	008
SA	1550	100 SCT E 250 BKN	20			098	95	58	17	15		996	*CB 124 1901 99 RADAT DLAD *CB NE MOVG N	Oca
RS														
SA	1650	60 SCT E100 OVC	20		TRW-	104	87	64	21	13		997	TB48 RB48 T OVHD STRNY OCNL LTGICCCCG S-N RADAT 87165	Oca
SA	1750	M60 BKN 100 OVC	20		TRW-	118	79	65	18	04		000	T OVHD STRNY OCNL LTGICCCCG ALQDS	Oca
SA	1850	M60 BKN 100 OVC	20		TRW-	121	77	69	05	04		001	T OVHD STRNY OCNL LTGICCCCG ALQDS/21400 196/	Oca
SA	1950	60 SCT E 100 OVC	20		T	122	81	64	34	09		002	*T S-N MOVG N OCNL LTGIC S-N *RE11	Oca
SP	2012	60 SCT E100 OVC	20						32	08		003	TE11 CB S-N MOVG N OCNL LTGIC S-N	Oca
SA	2050	60 SCT E 100 BKN 200 OVC	20			124	80	63	23	04		003	TE11 CB S-NE MOVG N OCNL LTGICCG S-N	Oca
SA	2150	E80 BKN 120 OVC	20			115	77	65	23	04		001	CB E-W MOVG N, OCNL LTGICCCCG E-W/00000 196/ 99	Oca
SA	2250	80 SCT E120 BKN 200 OVC	20			121	78	65	24	10		003	CB SE-SW MOVG N OCNL LTGIC SE-SW	Oca
SA	2350	80 SCT E120 BKN 200 OVC	20			120	77	64	18	04		003	CB S*LTGIC S*MOVG N	Oca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5oppp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE: AUGUST 24, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.700			46	10	6	AC	E120	4	CS	200	10								10	8	.010			00-01
01 50	26.690			60	10															10					01-02
02 50	26.690			56	8															6					02-03
03 50	26.690			69	8	3	AC	120	5	CS	E200	8								7	6	.010			03-04
04 50	26.700			67	9															8					04-05
05 58	26.720			69	9															9					05-06
06 50	26.720			63	9	6	AC	E120	3	CS	200	9								9	1	.030			06-07
07 56	26.735			50	8															7					07-08
08 57	26.750			48	9															8					08-09
09 50	26.760			52	9	3	CU	100	4	AC	E170	7	2	CI	220	9				9	2	.040			09-10
10 50	26.740			50	9															8					10-11
11 50	26.730			56	8															8					11-12
12 55	26.720			52	9	3	CB	60	3	CU	E100	6	2	AC	150	8	1	CI	200	9	6	.040			12-13
13 57	26.690			47	8															8					13-14
14 55	26.670			34	8															8					14-15
15 56	26.680			39	8	3	CB	60	3	TCU	E100	6	2	AC	150	8	0	CI	200	8	5	.040			15-16
16 51	26.660			41	10															10					16-17
17 50	26.680			48	10															10					17-18
18 55	26.680			49	10	6	CB	MGS	4	AC	150	10								10	5	.000			18-19
19 50	26.700			59	10															10					19-20
20 50	26.690			48	10															10					20-21
21 55	26.690			53	10	10	AC	E160												10	0	.010			21-22
22 50	26.680			54	10															10					22-23
23 50	26.680			54	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	81	77	X	X						X		
	0349	1	0	0	0	82	77		0								
	0949	2	0	0	0	87	77		0								
	1550	3	0	0	0	93	81		0								
	2150	4	T	0	0	89	80		0								
	MID.	X	0	0	0	81	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.760	26.680	26.690
BAROGRAPH 64	26.695	26.760	26.680	26.695
BAR. CORR. 65	-.005	±0	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	9AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	77	T	0	0	25	SE	1548					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1748	1808			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0509 SUNSET 1824

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1045LP / 1603P /

1750/1750

0350/24 HR PCPN 20001 / 1030 9-7

2155/ APP 003 / 1038 9-7

1255/ RMKS CB NE / 9-7 1042

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: AUGUST 24, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	E120 BKN 200 OVC	10			150	81	58	06	06		012	803 1078	AD
SA	0150	E120 BKN 200 OVC	10			148	79	64	11	04		011		AD
SA	0250	120 SCT E200 BKN	10			151	77	60	31	05		011	✓ 20001	AD
SA	0350	120 SCT E 200 BKN	20			155	78	67	24	03		011	603 1078 77 RADAT 94155	008
SA	0450	120 SCT E 200 BKN	20			159	77	65	06	05		012		008
SA	0550	E120 BKN 200 BKN	20			165	77	66	34	03		014		008
SA	0650	E120 BKN 200 BKN	20			164	80	66	23	03		014	110 1078	008
SA	0756	E120 BKN 200 BKN	20			167	84	63	15	08		016		008
SA	0857	100 SCT E170 BKN 220 BKN	20			174	86	64	24	12		017		008
SA	0950	100 SCT E170 BKN 220 BKN	20			178	85	65	23	12		018	214 1272 77	008
SA	1050	100 SCT E150 BKN 220 BKN	20			171	86	65	23	12		016		008
SA	1150	E80 BKN 150 BKN 220 BKN	20			169	81	64	18	12		015	TCU NW E S	008
SA	1255	60 SCT E100 BKN 150 BKN 200 BKN	20			163	85	65	14	16		014	E CB NE TCU ALQDS/614 1972	008
SA	1357	60 SCT E100 BKN 150 BKN 200 BKN	20			152	86	63	17	07		011	CB NE MOVG N TCU E-S	008
SA	1455	60 SCT E100 BKN 150 BKN 200 BKN	20			142	93	60	14	08		008	CB OVHD MOVG N TCU ALQDS	008
SA	1551	60 SCT E100 BKN 150 BKN 200 BKN	20			146	88	60	15	15G25		009	CB OVHD MOVG N TCU ALQDS	Oca
													/514 1963 93 RADAT	
													90157	
SA	1651	60 SCT E100 BKN 150 OVC	20			140	88	61	14	16		007	CB SE-S MOVG N TCU ALQDS	Oca
													RWU SE-S	
SA	1750	M65 BKN 100 BKN 150 OVC	20		RW-	149	84	62				009	CB OVHD MOVG N TCU ALQDS	Oca
													*RB48	
SA	1855	M65 BKN 150 OVC	20			148	83	62	10	08		009	RE08 CB NW AND S-SW	Oca
													STRNY RWU NW OCNL	
													LTGICCG NW/50000 196/	
SA	1950	65 SCT E100 BKN 150 OVC	20			157	81	65	10	09		012	CB NW AND S-SW DSIPTD	Oca
SA	2050	E100 BKN 150 OVC	20			152	83	61	09	06		011	MOON VSBL	Oca
SA	2155	E160 OVC	20			153	81	62	12	06		011	080300 103/ 93	Oca
SA	2250	E160 OVC	20			149	80	62	06	05		009		Oca
SA	2350	160 SCT E250 OVC	20			149	80	62	02	05		009	BINOVC S	Oca

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆ U.S. GPO:1987-0-764-009/60083

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE August 23, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUM. MATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM. MATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			52	0															0	4	.000			00-01
01 50	26.600			54	0															0					01-02
02 50	26.600			52	0															0					02-03
03 54	26.610			58	0															0	3	.010			03-04
04 49	26.630			59	1															0					04-05
05 50	26.640			55	2															0					05-06
06 52	26.650			45	3	0	AC	150	3	CI	250	3								1	2	.040			06-07
07 50	26.660			35	5															1					07-08
08 51	26.670			32	3															1					08-09
09 54	26.660			29	2	1	CU	90	1	AC	150	2	0	CI	250	2				2	0	.010			09-10
10 52	26.650			28	3															3					10-11
11 52	26.630			27	6															6					11-12
12 48	26.630			33	8	7	CB	E90	1	AC	150	8								8	6	.030			12-13
13 48	26.610			29	9															9					13-14
14 47	26.620			32	10															10					14-15
15 50	26.630			55	10	1	CUFRA	40	5	CB	E80	6	4	AC	120	10				10	5	.000			15-16
16 50	26.630			63	10															10					16-17
17 50	26.640			45	10															10					17-18
18 50	26.650			46	10	6	CU	680	4	AC	120	10								10	3	.020			18-19
19 50	26.680			42	10															10					19-20
20 50	26.700			53	10															10					20-21
21 50	26.710			58	10	4	CU	80	4	AC	E120	8	2	CS	200	10				10	1	.060			21-22
22 50	26.710			52	10															10					22-23
23 50	26.710			47	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352		0	0		78	73										
	0352	1	0	0	0	83	73		0								
	0953	2	0	0	0	95	72		0								
	1550	3	0.01	0	0	98	84		2								
	2150	4	T	0	0	86	81		0								
	MID.		0	0	0	82	80										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.660	26.630	26.710
BAROGRAPH 64	26.605	26.660	26.630	26.700
BAR. CORR. 65	+.005	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	72	0.01	0	0	28	SE	1305					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1443	1638			
RW-	1515	1620			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0508 SUNSET 1826

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1054 / 1700

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: AUGUST 23, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			115	76	57	12	06		001	400	AD
SA	0150	CLR	20			117	76	58	00	00		001		AD
SA	0250	CLR	20			117	76	57	06	04		001		AD
SA	0354	CLR	20			121	74	58	00	00		002	303 73 RADAT 60151	SH
SA	0449	250 - SCT	20			129	72	57	29	05		004	FEW AC	SH
SA	0550	250 - SCT	20			132	75	58	00	00		005	AC SW-NW	SH
SA	0652	250 - SCT	20			134	81	58	30	03		006	214 1071	SH
SA	0750	250 - SCT	20			138	87	56	02	09		007	AC S-SW	SH
SA	0851	150 SCT 250 - SCT	20			139	92	57	36	04		008	CU S	SH
SA	0954	90 SCT 150 SCT 250 SCT	20			135	95	57	15	05		007	TCU S / 003 1271 72	SH
SA	1052	90 SCT 150 SCT 250 SCT	20			131	97	58	10	08		006	TCU SE	SH
SA	1152	E90 BKN 150 BKN	20			124	98	58	09	09		004	CB N-E-SE RWU S	SH
SA	1248	E90 BKN 150 BKN	20			126	94	60	15	10	G20	004	CB ALQDS RWU SE/610	SH
	—		—			—						—	1970	—
SA	1348	E90 BKN 150 BKN	20			120	94	56	12	15	G22	002	CB ALQDS LTGCG SW	SH
	—		—			—						—	RWU S-SW	—
RS	1447	E90 BKN 150 OVC	20		T	125	91	57	12	16		003	TB43 W MOVG N OCNL	SH
	—		—			—						—	LTGIC	—
SA	1550	40 SCT E80 BKN 120 OVC	10		TRW-	133	84	66	31	10		004	T ALQDS MOVG N OCNL LTGIC/ RB15	AD
/	/												50001 1971 98 RADAT 71160	/
SP	1640	E80 BKN 120 OVC	10						35	08		004	TE38 MOVD N	AD
SA	1650	E80 BKN 120 OVC	10			134	83	69	34	08		004	TE38 MOVD N RE20	AD
SA	1750	E80 BKN 120 OVC	10			136	85	61	05	14		005	RWU SW	AD
SA	1850	E80 BKN 120 OVC	10			137	84	61	05	15		006	30709171	AD
SA	1950	E80 BKN 120 OVC	10			145	85	59	19	06		009		AD
SA	2050	80 SCT E120 BKN 200 OVC	10			150	83	64	01	04		012		AD
SA	2150	80 SCT E120 BKN 200 OVC	10			155	81	65	34	07		013	12000 1178 98	AD
SA	2250	80 SCT E120 BKN 200 OVC	10			154	80	61	00	00		013	.	AD
SA	2350	E120 BKN 200 OVC	10			152	81	59	04	08		013		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1L (10-73) (1-69) WHICH MAY BE USED.

U.S. GPO: 1988-726-001/00005

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE AUGUST 23, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.540			62	0															0	1	.040			00-01
01 50	26.540			66	0															0					01-02
02 50	26.560			67	0															0					02-03
03 54	26.560			76	0	0	AC	140												0	1	.020			03-04
04 50	26.585			77	0															0					04-05
05 52	26.600			79	0															0					05-06
06 51	26.620			73	0	0	AC	140												0	2	.060			06-07
07 52	26.630			62	0															0					07-08
08 52	26.630			58	0															0					08-09
09 56	26.625			48	1	1	Cu	90												1	0	.005			09-10
10 52	26.610			41	2															2					10-11
11 54	26.600			33	3															3					11-12
12 51	26.580			34	4	4	CB	90												4	7	.045			12-13
13 52	26.570			35	6															6					13-14
14 49	26.560			38	6															6					14-15
15 50	26.550			35	6	3	CB	90	3	AC	F130	6								6	7	.030			15-16
16 50	26.550			34	6															6					16-17
17 50	26.550			37	4															4					17-18
18 50	26.570			35	5	2	Cu	90	3	AC	130	5								5	3	.020			18-19
19 50	26.580			48	5															5					19-20
20 50	26.600			42	4															4					20-21
21 50	26.600			41	2	2	AC	130												2	1	.030			21-22
22 50	26.600			47	2															2					22-23
23 50	26.600			49	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		78	74										
	0351	1	0	0	0	82	74		0								
	0948	2	0	0	0	88	71		0								
	1550	3	T	0	0	96	88		0								
	2150	4	0	0	0	93	82		0								
	MID.		0	0	0	83	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.625	26.550	26.600
BAROGRAPH 64	26.550	26.625	26.550	26.600
BAR. CORR. 65	+.010	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	71	T	0	0	29	56	1420					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1406	1415			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0507 SUNSET 1827

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035Z / 1700Z

1850/CLD CD GR 1270 / 1000 9-7

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NEVADA

DATE: AUGUST 23, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			095	77	63	13	07		994	114	AO
SA	0150	CLR	20			095	76	64	07	04		994		AO
SA	0250	CLR	20			100	77	65	12	08		996		AO
SA	0354	CLR	20			102	74	66	00	00		996	107 1070 74	SH
	—		—			—						—	RADAT 38147	—
SA	0450	CLR	20			111	72	64	00	00		000		SH
SA	0552	CLR	20			118	74	67	12	07		001	FEW CU AC	SH
SA	0651	CLR	20			125	78	68	11	07		003	220 1070	SH
SA	0752	CLR	20			129	82	67	16	05		004	FEW AC	SH
SA	0852	CLR	20			129	83	67	20	03		004	FEW CU AC	SH
SA	0956	90 SCT	20			125	88	66	11	04		004	002 1100 71	SH
SA	1052	90 SCT	20			120	90	64	25	04		002	TCU SE	SH
SA	1154	90 SCT	20			115	93	60	23	05		001	TCU N-E-S	SH
SA	1251	90 SCT	20			107	94	61	21	10		999	CB S TCU NE-E-SE/715	SH
	—		—			—						—	1300	—
SA	1352	E90 BKN	20			105	92	60	15	16 G24		997	CB S TCU ALQDS	SH
SA	1449	90 SCT E130 BKN	20			102	91	62	18	10		996	CB S TCU ALQDS RB06E15	SH
SA	1550	90 SCT E130 BKN	20			099	91	59	15	15		995	CB NW-E / 71000 1370 96	AO
/	/												RADAT 58155	/
SA	1650	90 SCT E130 BKN	20			099	93	60	15	05		995	CBNW-NE	AO
SA	1750	90 SCT 130 SCT	20			100	90	60	03	19		995	TCU S	AO
SA	1850	90 SCT 130 SCT	20			106	89	58	04	10		997	*307 * TCU S / 1270	AO
SA	1950	90 SCT 130 SCT	20			110	85	63	20	05		999	TCU S-SW RWU SW	AO
SA	2050	90 SCT 130 SCT	20			116	86	60	05	04		001		AO
SA	2150	130 SCT	20			115	83	57	09	04		001	110 1070 96	AO
SA	2250	130 SCT	20			116	79	57	06	04		001		AO
SA	2350	CLR	20			115	78	57	10	04		001	FEW AC SW	AO

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 21 AUG 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.480			62	2	2	CI	200												2	1	010			00-01
01 53	26.460			64	2															2					01-02
02 50	26.460			71	1															1					02-03
03 52	26.470			71	1	1	AC	140												1	5	.010			03-04
04 50	26.480			72	0															0					04-05
05 49	26.490			67	1															1					05-06
06 52	26.510			60	6	6	AC	2140												6	2	.040			06-07
07 51	26.510			49	2															2					07-08
08 50	26.510			47	2															2					08-09
09 54	26.510			45	2	0	CU	90	2	AC	140	2								2	4	.000			09-10
10 50	26.500			39	2															2					10-11
11 51	26.480			37	3															3					11-12
12 49	26.460			34	3	3	CB	90												3	8	.050			12-13
13 50	26.440			34	4															4					13-14
14 48	26.430			32	3															3					14-15
15 50	26.420			31	3	3	CU	90												3	7	.040			15-16
16 50	26.420			29	3															3					16-17
17 50	26.420			30	2															2					17-18
18 50	26.440			35	2	2	CU	90												2	3	.020			18-19
19 50	26.460			36	2															2					19-20
20 50	26.480			43	2															2					20-21
21 50	26.500			49	2	2	CU	90												2	2	.060			21-22
22 50	26.520			52	0															0					22-23
23 50	26.540			64	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	75	69	X	X						X		
	0349	1	0	0	0	78	69		0								
	0951	2	0	0	0	86	68		0								
	1550	3	0	0	0	95	85		0								
	2150	4	0	0	0	95	81		0								
	MID.	X	0	0	0	82	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.510	26.420	26.500
BAROGRAPH 64	26.470	26.515	26.420	26.500
BAR. CORR. 65	0	-.005	Ø	Ø

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	68	0	0	0	20	W	1249					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0506 SUNSET 1828

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10449 / 1700/

0250/0250 ~~20~~

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 21 AUG 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	200 SCT	20			074	74	60	02	05		987	103 1001	JP
SA	0153	200 SCT	20			066	72	59	35	03		985		JP
SA	0250	~~20~~ 120 SCT	20			066	69	59	00	00		985		JP
SA	0352	140 SCT	20			070	70	60	05	03		986	503 1070 69	SH
	—		—			—						—	RADAT 77145	—
SA	0450	CLR	20			077	68	58	12	05		987	FEW AC CI	SH
SA	0549	140 SCT	20			079	71	60	00	00		988		SH
SA	0652	E140 BKN	20			087	75	60	33	03		991	214 1030	SH
SA	0751	140 SCT	20			083	81	60	20	03		991		SH
SA	0850	140 SCT	20			084	83	60	21	09		991	CUSE	SH
SA	0954	140 SCT	20			084	85	61	23	10		991	400 1270 68	SH
SA	1050	90 SCT 140 SCT	20			080	89	61	27	09		990	TCU SE-S	SH
SA	1151	90 SCT	20			071	90	60	25	10		987	TCU ALQDS	SH
SA	1249	90 SCT	20			064	91	59	25	14	G20	985	TCU ALQDS CB NE / 817	SH
	—		—			—						—	1300	—
SA	1350	90 SCT	20			058	92	59	27	06		983	TCU ALQDS CB NE-E	SH
SA	1448	90 SCT	20			052	94	60	23	14		982	TCU ALQDS	SH
SA	1550	90 SCT	20			050	94	59	23	15		981	714 1100 95 RADAT 64150	AD
SA	1650	90 SCT	20			051	93	56	24	11		981		AD
SA	1750	90 SCT	20			051	91	55	25	12		981		AD
SA	1850	90 SCT	20			057	89	58	22	11		983	307 1100	AD
SA	1950	90 SCT	20			064	87	57	21	08		985		AD
SA	2050	90 SCT	20			071	85	60	00	00		987		AD
SA	2150	90 SCT	20			079	82	61	21	04		990	220 1100 95	AD
SA	2250	CLR	20			087	79	60	16	04		992		AD
SA	2350	CLR	20			095	77	64	36	09		994		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 20 AUG 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.440			27	7	7	Ac	E130												7	4	000			00-01
01 54	26.440			28	7															7					01-02
02 50	26.440			30	9															9					02-03
03 51	26.430			34	8	3	Ac	110	5	CS	E250	8								5	8	.010			03-04
04 56	26.455			37	6															6					04-05
05 50	26.465			39	8															8					05-06
06 52	26.485			46	9	9	Sc	E90												9	2	.055			06-07
07 55	26.485			39	8															8					07-08
08 53	26.510			40	9															9					08-09
09 50	26.510			44	9	2	Sc	90	7	Ac	E150	9								9	1	.025			09-10
10 55	26.505			47	8															8					10-11
11 50	26.475			41	8															8					11-12
12 54	26.460			38	6	0	CB	80	0	TCu	100	0	6	Ac	E150	6				6	7	.050			12-13
13 51	26.425			32	2															2					13-14
14 50	26.410			33	1															1					14-15
15 53	26.410			31	4	1	CB	90	2	Ac	120	3	1	Ci	200	4				3	6	.050			15-16
16 56	26.410			34	10															9					16-17
17 52	26.410			35	10															9					17-18
18 57	26.440			39	9	7	Ac	E120	2	Ci	200	9								8	3	.030			18-19
19 54	26.450			39	9															9					19-20
20 53	26.460			44	7															7					20-21
21 56	26.470			58	2	2	Ac	120												2	2	.030			21-22
22 57	26.480			64	1															1					22-23
23 52	26.480			64	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	90	83	X	X						X		
	0348	1	0	0	0	92	83		0								
	0948	2	0	0	0	85	81		0								
	1551	3	0	0	0	91	82		0								
	2154	4	0	0	0	91	78		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1553	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.510	26.410	26.470
BAROGRAPH 64	26.430	26.510	26.410	26.460
BAR. CORR. 65	±0	±0	0	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	75	0	0	0	26	E	1447					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0505 SUNSET 1830

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK -- CLOCK CORRECT TO NEAREST MINUTE AT: 1091SP / 1813P /

1351/1351

1553/1553 — 1373 s/b 1373

2156/2156

2156/MAX TEMP 92/1500 9-7-88 THE ORIGINAL TEMP TRANSMITTER WAS 92

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 20 AUG 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	E130 BKN	20			047	87	49	09	06		983	400 1070	JP
SA	0154	E110 BKN	20			046	87	50	10	12		983		JP
SA	0250	E110 BKN	20			048	87	52	12	12		983		JP
SA	0351	110 SCT E250 BKN	20			046	83	52	12	14		982	803 1078 83	JS
													RADAT 78144	
SA	0456	E90 BKN	20			056	83	54	18	15		985		JS
SA	0550	E100 BKN	20			059	83	56	08	06		986	CB DSNT SW N	JS
SA	0652	E90 BKN	20			069	83	60	12	13		988	219 1500	JS
SA	0755	E90 BKN	20			074	82	60	18	07		989		JS
SA	0853	90 SCT E150 BKN	20			078	84	57	28	07		991		JS
SA	0950	90 SCT E150 BKN	20			079	84	60	12	04		991	108 1570 81	JS
SA	1055	E150 BKN	20			077	83	60	13	11		991	CU SW-W-N	JS
SA	1150	E150 BKN	20			065	87	60	13	11		987	TCU SW-W CB N	JS
SA	1254	E150 BKN	20			059	88	59	11	15		985	TCU SE-S-W-NW CB	JS
													DSNT N / 717 1370	
SA	1351	150 SCT	20			045	90	56	15	12		982	TCU SE CB*S SW W N	JS
													* DSNT	
SA	1450	150 SCT 200 SCT	20			039	90	56	11	18	G26	980	CB DSNT SW	JS
SA	1553	90 SCT 120 SCT 200 SCT	20			041	91	56	13	15	623	980	CB SW ~~TCU NW~~ /	JP
						617		~~13~~ 13	23	91			RADAT 20153	
SA	1656	90 SCT E120 BKN 200 OVC	20			042	87	55	12	15		980	CB SW	JP
SA	1752	90 SCT E120 BKN 200 OVC	20			044	86	55	11	13		980	CB SW	JP
SA	1857	E120 BKN 200 BKN	20			056	83	55	24	06		983	310 1071	JP
SA	1954	E120 BKN	20			060	84	56	07	05		984		JP
SA	2053	E120 BKN	20			064	81	57	36	07		985		JP
SA	2156	120 SCT	20			070	78	62	25	11		986	210 1070 ~~91~~ 92	JP
SA	2257	120 SCT	20			075	76	63	00	00		987		JP
SA	2352	120 SCT	20			074	75	62	34	05		987		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 19 AUG 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 59	26.520			28	0															0	1	010			00-01
01 50	26.510			30	0															0					01-02
02 53	26.500			31	0															0					02-03
03 53	26.510			32	1	1	Sc	80												1	5	.010			03-04
04 52	26.530			36	8															8					04-05
05 50	26.535			34	7															7					05-06
06 50	26.550			31	6	6	Sc	E110												6	2	.040			06-07
07 57	26.540			24	2															2					07-08
08 50	26.540			21	1															1					08-09
09 53	26.530			18	0	0	Ac	150												0	7	.020			09-10
10 51	26.510			18	1															1					10-11
11 54	26.490			18	1															1					11-12
12 55	26.465			17	2	2	Cu	100												2	7	.065			12-13
13 53	26.450			17	2															3					13-14
14 50	26.435			19	4															4					14-15
15 53	26.410			20	4	4	Cu	90												4	8	0.55			15-16
16 57	26.410			21	3															3					16-17
17 53	26.410			20	3															3					17-18
18 54	26.420			21	3	3	TCu	90												3	3	010			18-19
19 55	26.430			22	7															7					19-20
20 53	26.430			22	8															8					20-21
21 53	26.440			24	6	1	Sc	90	5	Ac	E130	6								6	3	020			21-22
22 56	26.440			22	10															10					22-23
23 57	26.440			25	7															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	88	79	X	X						X		
	0349	1	0	0	0	89	78		0								
	0950	2	0	0	0	92	76		0								
	1551	3	0	0	0	104	97		0								
	2151	4	0	0	0	99	89		0								
	MID.	X	0	0	0	92	89	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.530	26.410	26.440
BAROGRAPH 64	26.505	26.535	26.420	26.425
BAR. CORR. 65	+.005	-.005	-.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	76	0	0	0	30	W	1348					3	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0505 SUNSET 1831

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1023SP/1746PI

1255/1255

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 19 AUG 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0059	CLR	20			078	85	48	32	04		992	103	JP
SA	0150	CLR	20			075	82	47	36	04		991		JP
SA	0253	CLR	20			071	81	47	00	00		990		JP
SA	0353	80 SCT	20			076	79	46	10	06		991	S03 1500 78 RADAT	JS
													77/48	
SA	0452	E80 BKN	20			086	76	48	11	04		993	VIRGA NW SE	JS
SA	0550	80 SCT E110 BKN	20			087	78	48	27	08		994	VIRGA W N	JS
SA	0650	E110 BKN	20			083	83	49	19	05		995	214 1500	JS
SA	0757	150 SCT	20			086	91	49	27	04		994		JS
SA	0850	150 SCT	20			086	93	48	26	04		994		JS
SA	0953	CLR	20			082	97	47	23	14		993	707 1070 76	JS
SA	1057	100 SCT	20			074	99	48	23	13		991	CB DSNT E	JS
SA	1154	100 SCT	20			066	100	49	29	08		988	CB DSNT NE-E VIRGA	JS
													SE	
SA	1255	100 SCT	20			057	101	49	26	10		986	VIRGA SE / 722 1100	JS
SA	1353	100 SCT	20			051	102	49	28	15G30		984	VIRGA E-SE	JS
SA	1450	100 SCT	20			047	99	49	13	12		983	VIRGA N SE	JS
SA	1553	90 SCT	20			040	97	49	11	12		980	819 1100 04 RADAT	JP
													S0155	
SA	1657	90 SCT	20			042	96	50	11	17		980	TCU SE	JP
SA	1753	90 SCT	20			041	96	48	13	13		980	TCU SE	JP
SA	1854	90 SCT	20			044	93	47	23	09		981	TCU E / 303 1200	JP
SA	1955	90 SCT E130 BKN	20			041	91	47	12	07		981	DSNT LTG NE	JP
SA	2053	90 SCT E130 BKN	20			044	92	48	13	06		982		JP
SA	2153	90 SCT E130 BKN	20			047	90	48	14	13		983	307 1470 04	JP
SA	2256	90 SCT E130 OVC	20			046	91	47	25	06		983		JP
SA	2357	E130 BKN	20			046	89	48	28	05		983		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

Yuma, Desert Rock, Nv

DATE AUG 18 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.520			26	0															0	0	.000			00-01
01 50	26.540			25	0															0					01-02
02 50	26.540			30	0															0					02-03
03 53	26.560			28	0															0	2	.040			03-04
04 50	26.565			31	0															0					04-05
05 53	26.570			28	0															0					05-06
06 52	26.575			23	0	0	Sc	80												0	2	.015			06-07
07 55	26.585			18	0															0					07-08
08 55	26.575			16	0															0					08-09
09 50	26.580			17	0	0	Cu	90												0	0	.005			09-10
10 52	26.565			18	1															1					10-11
11 56	26.550			17	1															1					11-12
12 52	26.535			17	1	1	Cu	90												1	7	.045			12-13
13 51	26.510			17	1															1					13-14
14 50	26.490			17	1															1					14-15
15 57	26.480			16	1	1	Cu	90												1	6	.055			15-16
16 57	26.480			16	1															1					16-17
17 56	26.480			17	2															2					17-18
18 53	26.480			17	2	2	Cu	90												2	4	.000			18-19
19 57	26.490			19	1															1					19-20
20 57	26.500			20	1															1					20-21
21 58	26.510			20	1	1	Sc	90												1	2	.030			21-22
22 56	26.520			23	1															1					22-23
23 56	26.520			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	75	68	X	X						X		
	0349	1	0	0	0	77	68		0								
	0948	2	0	0	0	98	68		0								
	1555	3	0	0	0	102	98		0								
	2156	4	0	0	0	102	89		0								
	MID.	X	0	0	0	89	84	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1557	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.580	26.480	26.510
BAROGRAPH 64	26.560	26.585	26.490	26.505
BAR. CORR. 65	0	-.005	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	68	0	0	0	24	SW	1430					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0504 SUNSET 1832

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1073GP / 1735P1

1156/1156

1557 TOE 5/0 02 1557

1/ LAST OF SEVERAL OCCURRENCES —

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION [redacted]

DATE AUG 18 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0051	CLR	20			085	73	36	07	04		992	000	HS
SA	0150	CLR	20			091	74	35	12	06		994		HS
SA	0250	CLR	20			093	70	37	12	04		994		HS
SA	0353	CLR	20			100	73	37	35	05		996	214 68 RADAT 69/44	JS
SA	0450	CLR	20			103	69	37	00	00		997	Cu W-N	JS
SA	0553	CLR	20			104	73	37	00	00		997	Few Sc	JS
SA	0652	CLR	20			106	78	37	00	00		998	Sc E-S / 205 1500	JS
SA	0755	CLR	20			109	88	39	24	03		000	Cu/Sc E-S	JS
SA	0855	CLR	20			104	93	41	00	00		998	Cu/Sc AllQds	JS
SA	0950	CLR	20			105	98	46	23	06		999	002 1100 68	JS
SA	1052	90 SCT	20			100	99	47	25	12		997		JS
		~~90 SCT~~	~~20~~			~~100~~	~~47~~							
SA	1156	90 SCT	20			094	100	47	21	15		995		JS
SA	1252	90 SCT	20			088	100	47	18	13		994	715 1100	JS
SA	1351	90 SCT	20			078	101	48	21	08G18		991		JS
SA	1450	90 SCT	20			073	101	48	26	15		988		JS
SA	1557	90 SCT	20			067	101	47	24	15		987	619 1100 ~~702~~ 02	JP
													RADAT 20149	
SA	1657	90 SCT	20			070	100	46	25	14		987		JP
SA	1756	90 SCT	20			069	98	45	25	11		987	TCU SE	JP
SA	1853	90 SCT	20			068	95	43	25	06		987	TCU SE/ 400 1200	JP
SA	1957	90 SCT	20			069	90	42	00	00		988		JP
SA	2051	90 SCT	20			071	89	42	11	06		990		JP
SA	2158	90 SCT	20			073	89	43	07	05		991	210 1400 02	JP
SA	2256	90 SCT	20			078	86	44	08	05		992		JP
SA	2356	CLR	20			078	84	44	33	06		992		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE AUG 17 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.520			17	0															0	1	.020			00-01
01 52	26.530			20	0															0					01-02
02 52	26.530			18	0															0					02-03
03 50	26.535			17	0															0	2	.015			03-04
04 51	26.545			23	0															0					04-05
05 50	26.560			21	0															0					05-06
06 50	26.570			16	0															0	2	.035			06-07
07 51	26.575			17	0															0					07-08
08 50	26.580			17	0															0					08-09
09 51	26.570			18	0															0	0	.000			09-10
10 50	26.560			18	0															0					10-11
11 52	26.545			17	0															0					11-12
12 54	26.530			19	0															0	7	.040			12-13
13 53	26.510			19	0															0					13-14
14 50	26.485			19	0															0					14-15
15 57	26.470			19	0	0	CU	90												0	7	.060			15-16
16 51	26.465			18	0															0					16-17
17 50	26.460			16	0															0					17-18
18 50	26.480			17	0															0	0	.010			18-19
19 54	26.500			20	0															0					19-20
20 53	26.510			22	0															0					20-21
21 50	26.520			24	0															0	2	.040			21-22
22 50	26.525			25	0															0					22-23
23 53	26.530			26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	71	64	X	X						X		
	0348	1	0	0	0	71	64		0								
	0949	2	0	0	0	93	64		0								
	1555	3	0	0	0	100	92		0								
	2148	4	0	0	0	99	76		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1556	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.570	26.470	26.520
BAROGRAPH 64	26.530	26.570	26.490	26.520
BAR. CORR. 65	+.005	0	-.020	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	64	0	0	0	29	SW	1159					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0503 SUNSET 1833

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1081S / 1755 /

0053/0053

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION [redacted]

DATE AUG 17 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0853	CLR	20			088	69	23	11	04		992	107	HS
SA	0152	CLR	20			094	66	23	11	07		993		HS
SA	0252	CLR	20			090	68	22	12	10		993		HS
SA	0350	CLR	20			094	69	22	07	06		994	205 64 RADAT 20147	JS
SA	0459	CLR	20			101	64	26	33	04		995		JS
SA	0550	CLR	20			106	67	26	36	07		996		JS
SA	0650	CLR	20			109	75	26	31	03		997	212	JS
SA	0751	CLR	20			111	83	33	36	04		998		JS
SA	0850	CLR	20			114	88	39	00	00		999		JS
SA	0951	CLR	20			108	92	42	27	04		997	000 64	JS
SA	1050	CLR	20			102	95	45	20	11		996		JS
SA	1152	CLR	20			096	97	45	23	18G28		995		JS
SA	1254	CLR	20			090	98	48	23	17G23		993	714	JS
SA	1353	CLR	20			084	98	48	23	15		991		JS
SA	1450	CLR	20			073	99	49	22	15G20		988	CU SE	JS
SA	1557	CLR	20			067	98	49	26	12		986	720 1100 00 RADAT 44149	HS
SA	1651	CLR	20			068	98	47	25	14		986	FEW CU	HS
SA	1750	CLR	20			065	96	42	25	14		985	FEW CU	HS
SA	1850	CLR	20			071	91	40	25	08		987	003	HS
SA	1954	CLR	20			079	84	38	02	05		990		HS
SA	2053	CLR	20			084	80	37	03	06		991		HS
SA	2150	CLR	20			085	77	37	07	06		992	214 00	HS
SA	2250	CLR	20			086	75	37	03	04		993		HS
SA	2353	CLR	20			092	74	36	02	05		993		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE AUG 16 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.500			18	0															0	1	.020			00-01
01 50	26.505			17	0															0					01-02
02 50	26.520			19	0															0					02-03
03 54	26.525			20	0															0	2	.025			03-04
04 54	26.535			20	0															0					04-05
05 55	26.545			18	0															0					05-06
06 56	26.555			15	0															0	2	.030			06-07
07 50	26.555			14	0															0					07-08
08 52	26.555			13	0															0					08-09
09 55	26.560			15	0															0	3	.005			09-10
10 53	26.540			16	0															0					10-11
11 58	26.530			17	0															0					11-12
12 55	26.515			17	0															0	7	.045			12-13
13 53	26.490			17	0															0					13-14
14 50	26.480			17	0															0					14-15
15 52	26.460			17	0															0	7	.055			15-16
16 54	26.460			16	0															0					16-17
17 50	26.460			16	0															0					17-18
18 50	26.470			17	0															0	3	.010			18-19
19 53	26.480			16	0															0					19-20
20 50	26.490			16	0															0					20-21
21 55	26.500			18	0															0	2	.030			21-22
22 58	26.520			17	0															0					22-23
23 50	26.520			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0449	X	0	0	X	70	61	X	X						X		
	0449	1	0	0	0	71	61		0								
	0949	2	0	0	0	88	59		0								
	1550	3	0	0	0	96	88		0								
	2153	4	0	0	0	95	70		0								
	MID.	X	0	0	0	71	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1551	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.560	26.460	26.500
BAROGRAPH 64	26.520	26.550	26.470	26.505
BAR. CORR. 65	+.005	+.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	59	0	0	0	18	SW	1309					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0502 SUNSET 1835

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1055 / 1955 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMR, DESERT ROCK, NM

DATE: AUG 16 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION 00-36 (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			084	66	21	04	03		990	107	HS
SA	0150	CLR	20			086	65	19	11	03		991		HS
SA	0250	CLR	20			091	63	21	10	03		992		HS
SA	0354	CLR	20			094	62	20	12	05		993	208 61 RADAT 20149	RD
SA	0454	CLR	20			098	61	20	10	05		994		RD
SA	0555	CLR	20			103	65	20	08	04		995		RD
SA	0656	CLR	20			103	77	26	06	09		996	210	RD
SA	0750	CLR	20			103	80	26	02	13		996		RD
SA	0852	CLR	20			104	84	28	02	15		996		RD
SA	0955	CLR	20			104	88	34	03	10		996	302 59	RD
SA	1053	CLR	20			097	90	39	12	10		994		RD
SA	1158	CLR	20			091	93	41	19	08		993		RD
SA	1255	CLR	20			088	94	42	23	15		992	715	RD
SA	1353	CLR	20			078	94	42	26	10		988		RD
SA	1450	CLR	20			074	95	43	29	13		987		RD
SA	1552	CLR	20			068	95	43	31	12		985	719 96 RADAT 20149	HS
SA	1654	CLR	20			069	94	41	27	08		985		HS
SA	1750	CLR	20			069	91	39	26	11		985		HS
SA	1850	CLR	20			070	84	34	28	04		986	303	HS
SA	1953	CLR	20			076	77	27	04	05		987		HS
SA	2050	CLR	20			079	74	25	06	03		988		HS
SA	2155	CLR	20			083	70	24	07	04		990	210 96	HS
SA	2258	CLR	20			089	70	23	07	05		992		HS
SA	2350	CLR	20			090	68	23	03	05		992		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SURFACE WEATHER OBSERVATIONS

DATE AUG 15, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.490			14	0															0	1	.005			00-01
01 51	26.490			16	0															0					01-02
02 51	26.490			20	0															0					02-03
03 52	26.480			17	0															0	8	.010			03-04
04 58	26.500			21	0															0					04-05
05 53	26.500			17	0															0					05-06
06 52	26.500			15	0	0	Ac	160												0	1	.020			06-07
07 52	26.500			13	0															0					07-08
08 53	26.505			15	0															0					08-09
09 54	26.505			15	0	0	Ci	250												0	1	.005			09-10
10 50	26.505			16	0															0					10-11
11 55	26.500			16	0															0					11-12
12 52	26.485			17	0	0	Ci	250												0	8	.020			12-13
13 52	26.470			16	0															0					13-14
14 50	26.455			15	0															0					14-15
15 50	26.440			15	0															0	7	.045			15-16
16 50	26.440			15	0															0					16-17
17 50	26.440			15	0															0					17-18
18 50	26.450			16	0															0	3	.010			18-19
19 50	26.460			13	0															0					19-20
20 57	26.470			13	0															0					20-21
21 53	26.480			14	0															0	2	.030			21-22
22 50	26.490			16	0															0					22-23
23 51	26.500			14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	78	70	X	X						X		
	0347	1	0	0	0	79	70		0								
	0948	2	0	0	0	86	68		0								
	1548	3	0	0	0	92	86		0								
	2151	4	0	0	0	91	70		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0953	1549	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.505	26.440	26.480
BAROGRAPH 64	26.485	26.505	26.440	26.480
BAR. CORR. 65	-.005	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	66	0	0	0	32	SW	1227					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0501 SUNSET 1836

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10555 / 1900 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE AUG 15, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			074	77	25	18	12		988	102	MR
SA	0151	CLR	20			075	75	26	23	11		988		MR
SA	0251	CLR	20			077	71	27	23	07		988		MR
SA	0352	CLR	20			072	73	26	21	09		987	803 70 RADAT 20150	RD
SA	0458	CLR	20			084	69	27	27	07		990	Ac SE	RD
SA	0553	CLR	20			081	74	27	17	14		990	Ac SE	RD
SA	0652	CLR	20			079	79	28	19	10		990	Ac SE/107 1080	RD
SA	0752	CLR	20			079	82	27	17	16		990	Ac SE	RD
SA	0853	CLR	20			082	84	31	25	12		991	Ac SE	RD
SA	0954	CLR	20			081	86	32	22	18		991	102 1001 68	RD
SA	1050	CLR	20			081	87	35	22	18		991	Ci SE	RD
SA	1155	CLR	20			078	89	37	22	18	G28	990	Ci SE	RD
SA	1252	CLR	20			073	89	38	22	17		988	807 1001	RD
SA	1352	CLR	20			069	91	38	18	16	G27	986		RD
SA	1450	CLR	20			063	92	38	21	12	G22	985		RD
SA	1550	CLR	20			058	91	37	22	16	G22	983	715 92 RADAT 20155	HS
SA	1650	CLR	20			060	90	36	25	13		983		HS
SA	1750	CLR	20			059	88	34	21	10		983		HS
SA	1850	CLR	20			062	82	31	23	05		984	303	HS
SA	1950	CLR	20			065	82	26	00	00		985		HS
SA	2057	CLR	20			071	74	21	03	08		986		HS
SA	2153	CLR	20			076	70	19	05	07		987	210 92	HS
SA	2250	CLR	20			081	67	19	06	06		988		HS
SA	2351	CLR	20			082	70	19	05	06		990		HS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-005/6085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE Aug 14, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.550			23	0															0	0	.010			00-01
01 52	26.550			22	0															0					01-02
02 52	26.545			24	0															0					02-03
03 51	26.545			23	0															0	6	.005			03-04
04 54	26.565			25	0															0					04-05
05 52	26.575			22	0															0					05-06
06 52	26.580			19	0															0	2	.035			06-07
07 52	26.575			17	0															0					07-08
08 50	26.570			14	0															0					08-09
09 53	26.565			17	0															0	6	.015			09-10
10 55	26.560			16	0															0					10-11
11 54	26.540			16	0															0					11-12
12 50	26.530			15	0															0	7	.035			12-13
13 51	26.520			17	0															0					13-14
14 50	26.505			16	0															0					14-15
15 52	26.480			16	0															0	8	.050			15-16
16 53	26.465			16	0															0					16-17
17 52	26.460			15	0															0					17-18
18 52	26.465			15	0															0	5	.015			18-19
19 54	26.470			14	0															0					19-20
20 51	26.480			14	0															0					20-21
21 54	26.485			14	0															0	2	.020			21-22
22 55	26.485			12	0															0					22-23
23 58	26.490			15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	68	63	X	X						X		
	0346	1	0	0	0	80	63		0								
	0948	2	0	0	0	88	63		0								
	1549	3	0	0	0	93	87		0								
	2150	4	0	0	0	93	75		0								
	MID.	X	0	0	0	79	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.560	26.480	26.485
BAROGRAPH 64	26.540	26.570	26.490	26.480
BAR. CORR. 65	+.005	-.005	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 0400 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	63	0	0	0	31	SW	1148					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0500 SUNSET 1837

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1063 8 / 1555 /

1552/1550

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: AUG 14, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			102	65	26	06	03		995	003	MR
SA	0152	CLR	20			102	65	25	06	03		995		MR
SA	0252	CLR	20			101	63	26	08	03		995		MR
SA	0351	CLR	20			101	66	27	02	06		995	602 63 RADAT 20156	RD
SA	0454	CLR	20			110	64	27	01	06		997		RD
SA	0552	CLR	20			114	68	27	01	05		999		RD
SA	0652	CLR	20			111	76	30	32	03		999	212	RD
SA	0752	CLR	20			108	80	31	35	03		999		RD
SA	0850	CLR	20			107	86	32	20	13		997		RD
SA	0953	CLR	20			103	88	38	21	18		997	605 63	RD
SA	1055	CLR	20			104	90	38	18	15		996		RD
SA	1154	CLR	20			099	90	38	21	19	631	994		RD
SA	1250	CLR	20			094	92	39	19	16		993	712	RD
SA	1351	CLR	20			090	92	40	18	18	629	992		RD
SA	1450	CLR	20			085	93	40	21	21		991		RD
SA	1552	CLR	20			075	93	40	22	17	628	987	817 93 RADAT 20168	MR
SA	1653	CLR	20			071	91	38	22	17		986		MR
SA	1752	CLR	20			068	89	36	21	17	623	985		MR
SA	1852	CLR	20			068	86	33	18	12		986	505	MR
SA	1954	CLR	20			070	82	29	17	09		986		MR
SA	2051	CLR	20			072	80	27	17	09		987		MR
SA	2154	CLR	20			073	77	24	23	11		988	207 93	MR
SA	2255	CLR	20			073	76	20	17	09		988		MR
SA	2358	CLR	20			075	77	25	16	11		988		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/5085

SURFACE WEATHER OBSERVATIONS

DATE AUG 13, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.530			19	0															0	2	.020			00-01
01 51	26.525			17	0															0					01-02
02 52	26.525			17	0															0					02-03
03 53	26.525			23	0															0	6	.005			03-04
04 51	26.540			23	0															0					04-05
05 53	26.555			22	0															0					05-06
06 50	26.565			18	0															0	1	.040			06-07
07 50	26.570			18	0															0					07-08
08 52	26.580			19	0															0					08-09
09 51	26.565			16	0															0	0	.000			09-10
10 56	26.560			15	0															0					10-11
11 55	26.560			15	0															0					11-12
12 55	26.560			16	0	0	Ci	300												0	6	.005			12-13
13 51	26.535			15	0															0					13-14
14 52	26.520			16	0															0					14-15
15 58	26.510			15	0	0	Ci	300												0	6	.050			15-16
16 56	26.500			16	0															0					16-17
17 53	26.495			16	0															0					17-18
18 52	26.500			16	0															0	5	.010			18-19
19 52	26.515			15	0															0					19-20
20 55	26.530			14	0															0					20-21
21 52	26.540			14	0															0	2	.040			21-22
22 53	26.550			17	0															0					22-23
23 55	26.555			20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	73	64	X	X						X		
	0349	1	0	0	0	80	64		0								
	0947	2	0	0	0	88	62		0								
	1552	3	0	0	0	93	88		0								
	2149	4	0	0	0	92	77		0								
	MID.	X	0	0	0	80	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1555	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.565	26.570	26.540
BAROGRAPH 64	26.540	26.565	26.520	26.535
BAR. CORR. 65	-.015	* 0	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	62	0	0	0	30	S	1338 1/					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0500 SUNSET 1838

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1041 0 / 1758 /

* BAROGRAPH CHANGED – RESET TO ±.0 CORR.

1/ LAST OF SEVERAL OCCURENCES

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: AUG 13, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			095	64	21	04	08		993	207	MR
SA	0151	CLR	20			092	65	19	36	06		993		MR
SA	0252	CLR	20			091	69	23	07	03		993		MR
SA	0353	CLR	20			093	65	26	02	06		993	602 64 RADAT 20138	MR
SA	0451	CLR	20			100	63	25	04	09		994		MR
SA	0553	CLR	20			105	67	27	02	08		996		MR
SA	0650	CLR	20			106	76	30	35	05		997	114	MR
SA	0750	CLR	20			108	79	31	30	05		997		MR
SA	0852	CLR	20			112	82	35	30	08		999		MR
SA	0951	CLR	20			107	88	36	21	15	G27	997	000 62	MR
SA	1056	CLR	20			104	90	37	20	18	G26	996	K ALF SE-SW	MR
SA	1155	CLR	20			106	90	37	20	20	G29	996		MR
SA	1255	CLR	20			107	91	38	19	18	G26	996	602 1001	MR
SA	1351	CLR	20			097	92	38	18	13	G22	994		MR
SA	1452	CLR	20			089	92	39	20	18	G29	992		MR
SA	1558	CLR	20			088	91	37	23	16	G21	991	617 1001 93 RADAT 20146	MR
SA	1656	CLR	20			084	90	37	21	17		990		MR
SA	1753	CLR	20			082	88	36	23	13		989		MR
SA	1852	CLR	20			081	85	33	18	10		990	503	MR
SA	1952	CLR	20			087	83	31	19	10		992		MR
SA	2055	CLR	20			094	78	25	13	08		993		MR
SA	2152	CLR	20			094	79	26	10	07		994	214 93	MR
SA	2253	CLR	20			098	73	25	12	07		995		MR
SA	2355	CLR	20			104	68	25	04	07		996		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE Aug 12, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.495			16	0															0	1	.015			00-01
01 57	26.500			16	0															0					01-02
02 55	26.510			18	0															0					02-03
03 53	26.510			15	0															0	1	.015			03-04
04 54	26.525			18	0															0					04-05
05 53	26.540			16	0															0					05-06
06 57	26.550			14	0															0	1	.040			06-07
07 51	26.560			15	0															0					07-08
08 50	26.565			15	0															0					08-09
09 54	26.570			14	0															0	1	.020			09-10
10 53	26.560			17	0															0					10-11
11 50	26.540			17	0															0					11-12
12 53	26.530			18	0															0	7	.040			12-13
13 56	26.520			18	0															0					13-14
14 50	26.510			18	0															0					14-15
15 57	26.490			17	0															0	8	.040			15-16
16 55	26.475			17	0															0					16-17
17 55	26.475			16	0															0					17-18
18 55	26.485			16	0															0	5	.005			18-19
19 52	26.500			17	0															0					19-20
20 57	26.520			17	0															0					20-21
21 50	26.510			15	0															0	0	.025			21-22
22 50	26.510			16	0															0					22-23
23 57	26.530			17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		71	62										
	0349	1	0	0	0	72	62		0								
	0950	2	0	0	0	86	62		0								
	1553	3	0	0	0	93	85		0								
	2148	4	0	0	0	92	71		0								
	MID.		0	0	0	80	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1556	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.570	26.490	26.510
BAROGRAPH 64	26.520	26.580	26.510	26.525
BAR. CORR. 65	-.010	-.010	-.020	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	62	0	0	0	32	SW	1413*					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0459 SUNSET 1839

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040S / 1559P /

* LAST OF SEVERAL OCCURENCES

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUG 12, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	CLR	20			080	67	19	05	06		989	105	MR
SA	0157	CLR	20			083	66	18	02	03		990		MR
SA	0255	CLR	20			087	64	20	08	06		991		MR
SA	0353	CLR	20			086	66	17	10	05		991	105 62 RADAT 21134	MR
SA	0454	CLR	20			094	63	19	04	06		993		MR
SA	0553	CLR	20			100	65	18	00	00		994		MR
SA	0657	CLR	20			102	71	20	00	00		995	114	MR
SA	0751	CLR	20			105	79	28	23	04		996		MR
SA	0850	CLR	20			108	84	31	31	05		997		MR
SA	0954	CLR	20			110	86	32	25	08		997	107 62	MR
SA	1053	CLR	20			105	89	38	24	06		996		MR
SA	1150	CLR	20			096	91	40	22	19	G29	994		MR
SA	1253	CLR	20			095	91	41	23	20	G28	993	714	MR
SA	1356	CLR	20			091	92	42	21	18	G30	992		MR
SA	1450	CLR	20			088	92	42	21	16	G23	991		MR
SA	1557	CLR	20			080	91	41	20	16	G26	988	814 93 RADAT 20146	MR
SA	1655	CLR	20			075	90	39	20	17	G27	987		MR
SA	1755	CLR	20			076	88	37	20	17	G25	987		MR
SA	1855	CLR	20			078	85	34	22	08		988	502	MR
SA	1952	CLR	20			081	83	34	21	12		990		MR
SA	2057	CLR	20			088	79	29	15	06		992		MR
SA	2150	CLR	20			086	73	23	08	04		991	008 93	MR
SA	2258	CLR	20			085	72	22	14	04		991		MR
SA	2357	CLR	20			094	68	21	09	03		993		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-80) WHICH MAY BE USED

SURFACE WEATHER OBSERVATIONS

DATE AUG 11, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.480			21	0	0	Ci	250												0	0	020			00-01
01 52	26.480			20	0															0					01-02
02 51	26.480			22	0															0					02-03
03 52	26.495			23	3	3	Ci	200												2	3	.015			03-04
04 50	26.510			26	2															2					04-05
05 54	26.520			24	0															0					05-06
06 54	26.530			18	0	0	TCU	80												0	2	.035			06-07
07 55	26.540			18	0															0					07-08
08 50	26.540			18	0															0					08-09
09 55	26.530			18	0	0	TCU	80												0	0	.000			09-10
10 53	26.520			17	0															0					10-11
11 54	26.495			17	0															0					11-12
12 55	26.480			17	0	0	TCU	80												0	8	.050			12-13
13 55	26.460			17	0															0					13-14
14 56	26.450			17	0															0					14-15
15 54	26.445			17	0	0	TCU	80												0	6	.035			15-16
16 53	26.430			16	0															0					16-17
17 55	26.440			15	0															0					17-18
18 52	26.445			15	0	0	TCU	80	0	Ci	250	0								0	5	.000			18-19
19 54	26.455			16	0															0					19-20
20 56	26.470			15	0															0					20-21
21 55	26.480			15	0															0	2	.035			21-22
22 54	26.490			14	0															0					22-23
23 55	26.495			13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		76	66										
	0348	1	0	0	0	80	66		0								
	0951	2	0	0	0	90	64		0								
	1551	3	0	0	0	95	89		0								
	2152	4	0	0	0	93	71		0								
	MID.		0	0	0	72	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.530	26.445	26.480
BAROGRAPH 64	26.500	26.540	26.455	26.485
BAR. CORR. 65	-.005	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	64	0	0	0	31	S	1350*					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0458 SUNSET 1840

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 10433 / ~~0456~~ 1556 /

* LAST OF SEVERAL OCCURENCES

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE AUG 11, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			072	72	30	00	00		987	007 1001	EP
SA	0152	CLR	20			071	72	29	15	03		987		EP
SA	0251	CLR	20			073	69	29	20	03		987		EP
SA	0352	200 SCT	20			078	68	29	00	00		990	305 1001 66 RADAT 2043	MR
SA	0450	200 SCT	20			087	66	30	14	03		991	CB DSNT SE	MR
SA	0554	CLR	20			090	68	30	00	00		992	TCU DSNT SE FEW CI	MR
SA	0654	CLR	20			090	77	30	21	04		993	TCU DSNT SE/212 1200	MR
SA	0755	CLR	20			094	85	36	26	06		994	CU DSNT SE	MR
SA	0850	CLR	20			094	87	38	23	12		994	LN CU DSNT SE	MR
SA	0955	CLR	20			091	90	41	24	13		993	TCU DSNT SE/000 1200 64	MR
SA	1053	CLR	20			085	91	40	22	15	G20	992	FEW CU	MR
SA	1154	CLR	20			076	92	42	20	16	G27	990	FEW CU	MR
SA	1255	CLR	20			072	93	42	19	16	G29	987	TCU DSNT NE/817 1200	MR
SA	1355	CLR	20			064	93	42	19	16	G31	985	TCU NE	MR
SA	1456	CLR	20			061	94	43	20	16	G25	984	TCU N-NE	MR
SA	1554	CLR	20			060	93	41	21	19	G26	984	TCU N-NE 612 1200 95	MR
													RADAT 2013B	
SA	1653	CLR	20			058	91	39	20	17	G24	982	TCU NE	MR
SA	1755	CLR	20			061	89	36	21	14	G19	983	TCU NE	MR
SA	1852	CLR	20			060	86	33	18	13		984	TCU NE 500 1201	MR
SA	1954	CLR	20			062	81	31	30	03		985		MR
SA	2056	CLR	20			070	74	24	08	04		986		MR
SA	2155	CLR	20			075	71	20	34	04		987	212 95	MR
SA	2254	CLR	20			077	70	19	09	03		988		MR
SA	2355	CLR	20			078	71	18	10	07		989		MR

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE AUG 10, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 58	26.500			31	0															0	8	.010			00-01
01 50	26.510			29	0															0					01-02
02 50	26.520			32	0															0					02-03
03 55	26.520			36	0															0	1	.020			03-04
04 57	26.530			31	0															0					04-05
05 54	26.540			28	0															0					05-06
06 53	26.550			21	0															0	2	.030			06-07
07 50	26.560			18	0															0					07-08
08 56	26.560			17	0															0					08-09
09 54	26.550			16	0															0	0	.000			09-10
10 52	26.540			16	0															0					10-11
11 50	26.520			17	0															0					11-12
12 51	26.505			16	0	0	CO	90												0	8	.045			12-13
13 50	26.480			17	0															0					13-14
14 51	26.470			17	0															0					14-15
15 54	26.450			16	0	0	CU	90												0	7	.055			15-16
16 50	26.440			16	0															0					16-17
17 52	26.430			16	0															0					17-18
18 57	26.440			16	0	0	Ac	150												0	5	.010			18-19
19 50	26.460			17	0															0					19-20
20 53	26.470			17	0															0					20-21
21 55	26.460			16	0	0	Ci	250												0	0	.020			21-22
22 50	26.470			15	0															0					22-23
23 53	26.480			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	77	67	X	X						X		
	0350	1	0	0	0	81	67		0								
	0950	2	0	0	0	91	66		0								
	1549	3	0	0	0	96	91		0								
	2152	4	0	0	0	96	77		0								
	MID.	X	0	0	0	80	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0954	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.520	26.450	26.460
BAROGRAPH 64	26.525	26.550	26.470	26.475
BAR. CORR. 65	-.005	0	-.020	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	66	0	0	0	32	SW	1341					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0457 SUNSET 1842

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OF FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10529 / 20451

1650 / SLP057 / 1800

U.S. Government Printing Office: 1986—654-369

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: AUG 10, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0058	CLR	20			079	71	39	34	03		990	803	EP
SA	0150	CLR	20			083	72	38	35	03		991		EP
SA	0250	CLR	20			086	70	39	01	05		992		EP
SA	0355	CLR	20			090	67	39	10	04		992	107 67 RADAT 20143	[illegible]
SA	0457	CLR	20			093	69	37	00	00		993		[illegible]
SA	0554	CLR	20			095	72	37	31	07		994		[illegible]
SA	0653	CLR	20			096	80	37	27	04		995	210	[illegible]
SA	0750	CLR	20			098	85	36	22	02		996		[illegible]
SA	0856	CLR	20			099	89	38	30	05		996		[illegible]
SA	0954	CLR	20			096	91	39	23	17	G24	995	000 66	[illegible]
SA	1052	CLR	20			094	92	40	20	18	G27	994		[illegible]
SA	1150	CLR	20			087	93	41	21	20	G29	992		[illegible]
SA	1251	CLR	20			081	94	41	21	18	G24	991	815 1100	[illegible]
SA	1350	CLR	20			072	95	43	21	17	G32	987	FEW CU	[illegible]
SA	1451	CLR	20			068	95	43	21	14	G27	986	FEW CU	[illegible]
SA	1554	CLR	20			062	95	42	20	18	G24	984	719 1100 96 RADAT 20143	EP
SA	1650	CLR	20		05	077	94	41	22	20	G28	983	FEW CU E	EP
SA	1752	CLR	20			054	92	39	21	17	G27	982	FEW CU E	EP
SA	1857	CLR	20			056	88	36	23	14		983	503 1070	EP
SA	1950	CLR	20			063	84	34	23	07		985		EP
SA	2053	CLR	20			066	80	31	05	03		986		EP
SA	2155	CLR	20			064	77	27	07	05		985	007 1001 96	EP
SA	2256	CLR	20			065	79	27	14	05		986		EP
SA	2353	CLR	20			070	76	27	32	03		987		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-62) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS | AUG 9, 1988 | ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.600			21	0															0	3	.010			00-01
01 52	26.590			19	0															0					01-02
02 50	26.590			23	0															0					02-03
03 54	26.610			24	0															0	3	.010			03-04
04 53	26.620			28	0															0					04-05
05 56	26.620			26	0															0					05-06
06 57	26.630			17	0															0	3	.020			06-07
07 51	26.630			16	0															0					07-08
08 54	26.630			16	0															0					08-09
09 53	26.620			15	0															0	8	.010			09-10
10 55	26.610			17	0															0					10-11
11 56	26.580			16	1															1					11-12
12 58	26.560			19	1	1	Cu	60												1	8	.060			12-13
13 53	26.540			17	2															2					13-14
14 52	26.520			19	2															2					14-15
15 55	26.500			19	1	1	Cu	90												1	7	.060			15-16
16 50	26.480			18	1															1					16-17
17 51	26.480			17	1															1					17-18
18 51	26.480			16	1	1	Sc	80												1	6	.020			18-19
19 50	26.490			17	1															1					19-20
20 51	26.500			21	0															0					20-21
21 54	26.510			21	0															0	2	.030			21-22
22 50	26.510			28	0															0					22-23
23 50	26.510			28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	72	65	X	X						X		
	0351	1	0	0	0	79	65		0								
	0950	2	0	0	0	93	63		0								
	1550	3	0	0	0	97	92		0								
	2151	4	0	0	0	96	81		0								
	MID.	X	0	0	0	81	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.620	26.500	26.510
BAROGRAPH 64	26.600	26.620	26.520	26.520
BAR. CORR. 65	+.010	*0	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	63	0	0	0	20	E	1812					1	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0456 SUNSET 1843

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1064SP/1715/

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF 1-10A (5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

Rolla, Desert Rock, Nv

SURFACE WEATHER OBSERVATIONS

DATE AUG 9, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			118	69	27	00	00		001	303	EP
SA	0152	CLR	20			114	71	26	33	04		000		EP
SA	0250	CLR	20			115	67	28	06	04		000		EP
SA	0354	CLR	20			123	66	28	25	03		002	303 65 RADAT 23135	CG
SA	0453	CLR	20			128	64	30	36	06		003		CG
SA	0556	CLR	20			128	67	31	20	04		003		CG
SA	0657	CLR	20			129	77	29	29	02		004	307	CG
SA	0751	CLR	20			127	85	33	30	04		004		CG
SA	0854	CLR	20			126	90	37	29	03		004		CG
SA	0953	CLR	20			123	92	38	21	07		003	803 63	CG
SA	1055	CLR	20			121	93	41	35	08		002		CG
SA	1156	60 SCT	20			110	94	45	22	09		999		CG
SA	1258	60 SCT	20			103	94	46	34	07		996	820 1100	CG
SA	1353	60 SCT	20			095	95	44	22	13		994		CG
SA	1452	60 SCT	20			088	96	47	04	10		992		CG
SA	1555	90 SCT	20			083	93	44	28	06		990	720 1100 97 RADAT 48140	EP
SA	1650	90 SCT	20			076	93	43	09	06		987		EP
SA	1751	90 SCT	20			075	93	42	09	12		987		EP
SA	1851	80 SCT	20			072	90	38	09	11		987	607 1400	EP
SA	1950	80 SCT	20			071	89	38	10	06		988		EP
SA	2051	CLR	20			075	84	40	11	07		990		EP
SA	2154	CLR	20			079	81	37	10	06		991	210 97	EP
SA	2250	CLR	20			081	76	40	00	00		991		EP
SA	2350	CLR	20			082	74	39	13	04		991		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE AUG 8, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.590			18	0															0	2	.030			00-01
01 51	26.590			22	0															0					01-02
02 50	26.590			21	0															0					02-03
03 55	26.600			27	0															0	3	.010			03-04
04 52	26.620			21	0															0					04-05
05 57	26.640			26	0															0					05-06
06 59	26.640			25	0															0	1	.010			06-07
07 52	26.650			23	0															0					07-08
08 54	26.650			17	0															0					08-09
09 53	26.650			16	0															0	1	.010			09-10
10 54	26.640			15	0															0					10-11
11 55	26.630			17	0															0					11-12
12 59	26.610			17	0	0	Cu	50												0	7	.040			12-13
13 54	26.600			17	0															0					13-14
14 53	26.580			17	0															0					14-15
15 53	26.560			15	0	0	Cu	50												0	8	.050			15-16
16 52	26.550			16	0															0					16-17
17 50	26.550			16	0															0					17-18
18 50	26.560			15	0															0	5	.000			18-19
19 53	26.570			16	0															0					19-20
20 58	26.590			14	0															0					20-21
21 53	26.590			14	0															0	1	.030			21-22
22 53	26.590			21	0															0					22-23
23 51	26.590			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	76	70	X	X						X		
	0351	1	0	0	0	76	76		0								
	0951	2	0	0	0	89	68		0								
	1550	3	0	0	0	97	89		0								
	2148	4	0	0	0	96	78		0								
	MID.	X	0	0	0	79	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.650	26.560	26.590
BAROGRAPH 64	26.590	26.650	26.560	26.585
BAR. CORR. 65	+.010	± 0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	68	0	0	0	18	NE	0152					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0456 SUNSET 1844

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060P/2030P

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: AUG 8, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			115	73	27	02	05		000	210	EP
SA	0151	CLR	20			114	75	33	04	14		000		EP
SA	0250	CLR	20			114	72	30	08	06		000		EP
SA	0355	CLR	20			117	73	37	02	08		001	303 70 RADAT 36134	CG
SA	0452	CLR	20			127	69	27	07	07		003		CG
SA	0557	CLR	20			136	70	33	11	05		005		CG
SA	0659	CLR	20			134	78	39	06	09		005	114	CG
SA	0752	CLR	20			141	80	39	04	13		006		CG
SA	0854	CLR	20			138	85	35	27	05		006		CG
SA	0953	CLR	20			139	89	37	30	05		006	103 68	CG
SA	1054	CLR	20			134	92	38	12	07		005		CG
SA	1156	CLR	20			128	93	42	11	06		004		CG
SA	1259	CLR	20			120	94	43	18	03		002	714 1100	CG
SA	1354	CLR	20			115	95	44	28	04		001		CG
SA	1453	CLR	20			110	94	42	36	04		999		CG
SA	1553	CLR	20			100	96	41	06	09		996	817 1100 97 RADAT 37138	EP
SA	1652	CLR	20			099	94	41	26	05		995		EP
SA	1750	CLR	20			100	92	39	23	05		995		EP
SA	1850	CLR	20			101	89	36	18	06		996	500	EP
SA	1953	CLR	20			106	84	33	11	09		997		EP
SA	2058	CLR	20			113	82	28	14	04		000		EP
SA	2153	CLR	20			113	79	26	06	04		000	110 97	EP
SA	2253	CLR	20			114	72	30	06	04		000		EP
SA	2351	CLR	20			114	71	26	07	03		000		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-005/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUGUST 7, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.530			18	0															0	1	.030			00-01
01 50	26.530			22	0															0					01-02
02 50	26.530			24	0															0					02-03
03 58	26.540			30	0															0	3	.010			03-04
04 56	26.560			46	0															0					04-05
05 50	26.570			40	0															0					05-06
06 57	26.580			30	0															0	2	.040			06-07
07 55	26.590			30	0															0					07-08
08 56	26.590			23	0															0					08-09
09 53	26.590			22	0															0	1	.010			09-10
10 56	26.590			19	0															0					10-11
11 58	26.580			16	0															0					11-12
12 57	26.580			16	0	0	CU	40												0	8	.030			12-13
13 56	26.550			16	0															0					13-14
14 53	26.530			17	0															0					14-15
15 56	26.510			16	0	0	CU	60												0	8	.050			15-16
16 52	26.500			16	0															0					16-17
17 50	26.500			17	0															0					17-18
18 56	26.520			18	0															0	3	.010			18-19
19 51	26.540			18	0															0					19-20
20 52	26.550			17	0															0					20-21
21 52	26.560			18	0															0	2	.040			21-22
22 51	26.570			18	0															0					22-23
23 55	26.580			15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0355	X	0	0	X	75	65	X	X						X		
	0355	1	0	0	0	81	65		0								
	0951	2	0	0	0	83	61		0								
	1551	3	0	0	0	93	82		0								
	2150	4	0	0	0	93	72		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0858	0953	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.580	26.510	26.560
BAROGRAPH 64	26.530	26.580	26.500	26.550
BAR. CORR. 65	+.010	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP (Ins.) 75	FROZEN GROUND LAYER BASE (Ins.) 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	61	0	0	0	21	W	1557					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0455 SUNSET 1845

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1070SP / 2120PI

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: AUGUST 7, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			094	69	24	02	08		993	110	AO
SA	0150	CLR	20			093	71	30	04	13		993		AO
SA	0250	CLR	20			096	66	28	00	00		993		AO
SA	0358	CLR	20			099	65	33	11	04		994	303 65 RADAT 20137	CG
SA	0456	CLR	20			108	61	40	08	03		996		CG
SA	0550	CLR	20			111	65	40	16	02		997		CG
SA	0657	CLR	20			114	73	40	26	02		999	214	CG
SA	0755	CLR	20			118	77	43	23	05		000		CG
SA	0856	CLR	20			116	79	38	22	08		000		CG
SA	0953	CLR	20			115	83	40	24	06		000	103 61	CG
SA	1056	CLR	20			115	86	39	21	08		000		CG
SA	1158	CLR	20			112	88	36	15	07		999		CG
SA	1257	CLR	20			105	90	38	36	02		996	810 1100	CG
SA	1356	CLR	20			101	91	39	25	12		995		CG
SA	1453	CLR	20			094	93	41	23	14		993		CG
SA	1556	CLR	20			087	92	40	26	13		991	817 1100 93 RADAT 20141	EP
SA	1652	CLR	20			085	92	40	24	13		990		EP
SA	1750	CLR	20			085	89	39	27	10		990		EP
SA	1856	CLR	20			091	85	36	28	06		992	303	EP
SA	1951	CLR	20			099	78	31	03	03		994		EP
SA	2052	CLR	20			102	77	29	02	05		995		EP
SA	2152	CLR	20			107	73	27	02	07		996	214 93	EP
SA	2251	CLR	20			110	72	26	10	07		997		EP
SA	2355	CLR	20			112	74	24	01	03		999		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtp 7wwW1W2 8NhCl CMCH plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE AUGUST 6, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.510			39	0															0	1	.020			00-01
01 50	26.510			32	0															0					01-02
02 50	26.510			36	0															0					02-03
03 50	26.520			38	0															0	3	.010			03-04
04 55	26.540			51	0															0					04-05
05 55	26.550			48	0															0					05-06
06 55	26.560			38	0															0	1	.040			06-07
07 50	26.555			28	0															0					07-08
08 52	26.555			17	0															0					08-09
09 50	26.550			19	0	0	CU	100												0	7	.010			09-10
10 50	26.545			20	0															0					10-11
11 57	26.545			16	0															0					11-12
12 53	26.510			17	0	0	CU	100												0	7	.040			12-13
13 50	26.480			16	0															0					13-14
14 50	26.470			17	0															0					14-15
15 50	26.460			17	0															0	6	.050			15-16
16 50	26.450			16	0															0					16-17
17 50	26.450			16	0															0					17-18
18 50	26.450			15	0															0	6	.010			18-19
19 50	26.460			16	0															0					19-20
20 50	26.480			16	0															0					20-21
21 50	26.500			16	0															0	2	.050			21-22
22 50	26.520			15	0															0					22-23
23 50	26.530			15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		77	71										
	0349	1	0	0	0	84	71		0								
	0949	2	0	0	0	88	70		0								
	1550	3	0	0	0	91	87		0								
	2150	4	0	0	0	91	78		0								
	MID.		0	0	0	81	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.550	26.460	26.500
BAROGRAPH 64	26.515	26.545	26.460	26.490
BAR. CORR. 65	+.005	+.005	Ø	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	70	0	0	0	32	SW	1338					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0454 SUNSET 1846

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060OP / MOCM

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: August 6, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			083	75	48	11	06		991	107	AD
SA	0150	CLR	20			080	76	44	12	04		991		AD
SA	0250	CLR	20			083	74	46	04	06		991		AD
SA	0350	CLR	20			087	71	44	05	06		992	303 71 RADAT 20144	008
SA	0455	CLR	20			095	72	53	03	12		994		008
SA	0555	CLR	20			099	74	53	05	08		995		008
SA	0655	CLR	20			102	78	50	32	03		996	114	008
SA	0750	CLR	20			098	82	46	08	06		996		008
SA	0852	CLR	20			098	86	36	23	15	G20	996		008
SA	0950	CLR	20			096	88	40	18	17	G24	995	FEW CU NE / 703 1100 70	008
SA	1050	CLR	20			095	89	42	20	20	G27	995	FEW CU NE	008
SA	1151	CLR	20			096	89	37	19	16	G28	995	FEW CU NE	008
SA	1253	CLR	20			083	90	39	21	17	G28	991	FEW CU NE / 714 1200	008
SA	1350	CLR	20			071	91	39	19	20	G27	987		008
SA	1450	CLR	20			068	90	39	21	16	G24	986		008
SA	1550	CLR	20			066	90	39	21	18	G24	985	617 91 RADAT 20142	AD
SA	1650	CLR	20			062	90	38	20	17		984		AD
SA	1750	CLR	20			062	88	36	20	17		984		AD
SA	1850	CLR	20			061	85	33	22	14		984	603	AD
SA	1950	CLR	20			065	81	30	23	08		985		AD
SA	2050	CLR	20			072	80	29	25	07		987		AD
SA	2150	CLR	20			079	80	29	25	14		990	217 91	AD
SA	2250	CLR	20			088	77	25	34	06		992		AD
SA	2350	CLR	20			092	74	23	31	06		993		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-60)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE August 5, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			44	9	4	AC	140	5	CI	E250	9								7	6	.030			00-01
01 50	26.600			49	8															5					01-02
02 50	26.600			49	8															3					02-03
03 50	26.590			46	7	3	AC	140	4	ci	250	7								3	8	.010			03-04
04 50	26.590			54	7															3					04-05
05 50	26.600			49	8															3					05-06
06 55	26.610			49	8	2	SC	90	3	AC	150	5	3	ci	E250	8				7	3	.020			06-07
07 56	26.615			39	8															7					07-08
08 50	26.610			35	8															7					08-09
09 55	26.600			32	7	3	cu	90	2	AC	140	5	2	ci	E250	7				6	8	.010			09-10
10 55	26.580			31	7															6					10-11
11 50	26.570			30	8															7					11-12
12 50	26.540			30	8	6	cu	E80	2	ci	250	8								7	7	.060			12-13
13 58	26.500			26	8															7					13-14
14 51	26.480			30	8															6					14-15
15 59	26.470			26	8	6	CU	E80	2	CI	250	8								7	7	.070			15-16
16 50	26.450			25	4															4					16-17
17 50	26.450			24	2															2					17-18
18 50	26.450			26	1	1	CU	80												1	6	.020			18-19
19 50	26.470			23	1															1					19-20
20 50	26.490			21	0															0					20-21
21 50	26.490			23	0															0	1	.040			21-22
22 50	26.500			38	0															0					22-23
23 50	26.510			44	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	81	78	X	X						X		
	0349	1	0	0	0	82	78		0								
	0954	2	0	0	0	88	75		0								
	1555	3	0	0	0	96	87		0								
	2150	4	0	0	0	95	84		0								
	MID.	X	0	0	0	84	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1555	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.600	26.470	26.490
BAROGRAPH 64	26.585	26.600	26.470	26.490
BAR. CORR. 65	+.005	±0	Ø	Ø

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	75	0	0	0	26	SW	1437					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0453 SUNSET 1847

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED ONE MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1080ZP / 1700ZP

0950P - CHANGED BAROGRAM

2050/2050 2350/2350

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUGUST 5, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ___ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	140 SCT E250 BKN	20			110	81	57	32	05		001	610 1072	AO
SA	0150	140 SCT E250 BKN	20			110	79	58	32	10		001		AO
SA	0250	140 SCT 250- BKN	20			111	78	57	36	05		001		AO
SA	0350	140 SCT 250 - BKN	20			107	79	56	28	06		000	803 1031 78 RADAT 94144	008
SA	0450	120 SCT 250 - BKN	20			110	77	59	32	05		000		008
SA	0550	120 SCT 250-BKN	20			116	78	57	05	05		001		008
SA	0655	90 SCT 150 SCT E 250 BKN	20			119	80	59	19	04		002	307 1532	008
SA	0756	90 SCT E150 BKN 250 BKN	20			119	84	56	19	09		003		008
SA	0850	90 SCT E150 BKN 250 BKN	20			118	86	55	11	10		002		008
SA	0955	90 SCT 140 SCT E250 BKN	20			114	88	54	16	09	G18	001	803 1232 75	008
SA	1055	90 SCT 140 SCT E250 BKN	20			107	90	55	13	09	G15	999		008
SA	1150	80 SCT 140 SCT E 250 BKN	20			103	91	55	11	10		997		008
SA	1250	E80 BKN 250 BKN	20			090	92	56	21	08		994	720 1201	008
SA	1358	E80 BKN 250 BKN	20			075	95	55	21	10	G21	990		008
SA	1451	E80 BKN 250 BKN	20			069	92	56	20	14	G19	987		008
SA	1559	E80 BKN 250 BKN	20			064	95	54	22	16		986	724 1201 96 RADAT 56139	AO
SA	1650	80 SCT	20			057	94	53	22	18		984		AO
SA	1750	80 SCT	20			057	92	50	21	14		984		AO
SA	1850	80 SCT	20			058	90	50	19	14		984	607 1100	AO
SA	1950	80 SCT	20			065	88	45	22	14		986		AO
SA	2050	~~8~~ CLR	20			073	85	41	22	11		988		AO
SA	2150	CLR	20			073	84	42	18	07		988	114 96	AO
SA	2250	CLR	20			079	78	50	12	08		990		AD
SA	2350	CLR ~~20~~	20			083	77	53	14	08		991		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE AUG. 4, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0050	26.620			25	0															0	3	.020			00-01
0150	26.630			28	0															0					01-02
0250	26.640			28	2															2					02-03
03 50	26.640			35	2	2	ci	250												2	1	.020			03-04
04 55	26.640			38	4															3					04-05
05 53	26.655			35	8															3					05-06
06 55	26.660			33	6	1	AC	170	5	ci	250	6								2	2	.020			06-07
07 52	26.660			30	6															2					07-08
08 52	26.660			27	6															2					08-09
09 55	26.650			23	6	0	cu	100	6	ci	250	6								1	8	.010			09-10
10 54	26.630			21	6															1					10-11
11 50	26.620			19	6															2					11-12
12 55	26.590			19	6	1	cu	100	5	ci	250	6								2	7	.060			12-13
13 57	26.560			18	6															2					13-14
14 50	26.530			19	5															3					14-15
15 50	26.510			18	5	4	cu	100	1	ci	250	5								4	7	.080			15-16
16 50	26.510			24	7															7					16-17
17 50	26.520			28	9															8					17-18
18 50	26.530			27	10	6	CB	E80	4	ci	250	10								8	3	.020			18-19
19 50	26.550			26	10															9					19-20
20 50	26.580			39	10															10					20-21
21 50	26.630			40	10	10	CB	E80												10	3	.100			21-22
22 50	26.630			40	10															9					22-23
23 50	26.600			43	9															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	84	78	X	X						X		
	0349	1	0	0	0	84	78		0								
	0954	2	0	0	0	95	75		0								
	1550	3	0	0	0	103	93		0								
	2150	4	0	0	0	102	81		0								
	MID.	X	0	0	0	82	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.650	26.510	26.630
BAROGRAPH 64	26.620	26.625	26.510	26.630
BAR. CORR. 65	+.020	+.025	Ø	Ø

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	444 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	75	0	0	0	34	SW	2107					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 89
T	1848	2222			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0452 SUNSET 1848

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1101P / 1700A

1650/1650

1850/1850

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: AUG. 4, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			118	83	43	05	07		003	307	CH
SA	0150	CLR	20			122	81	45	05	06		004		CH
SA	0250	250 SCT	20			125	82	45	03	10		005		CH
SA	0350	250 SCT	20			127	80	50	05	09		005	107 1002 78 RADAT 73148	00$
SA	0455	170 SCT 250 SCT	20			128	78	50	03	04		005		00$
SA	0553	170 SCT 250-BKN	20			134	81	51	09	03		007		00$
SA	0655	170 SCT 250-BKN	20			134	85	53	05	14		007	207 1031	00$
SA	0752	250-BKN	20			135	87	52	04	11		007		00$
SA	0852	250-BKN	20			135	90	51	03	06		007		00$
SA	0955	250-BKN	20			131	94	50	29	05		006	803 1101 75	00$
SA	1054	250-BKN	20			125	95	49	01	05		004		00$
SA	1150	250-BKN	20			117	98	49	02	05		003	FEW CU NW	00$
SA	1255	100 SCT 250-BKN	20			105	100	50	07	08		000	720 1101	00$
SA	1357	100 SCT 250-BKN	20			095	100	49	21	03		996		00$
SA	1450	100 SCT 250 SCT	20			082	100	50	32	10		993		00$
SA	1550	100 SCT 250 SCT	20			075	101	50	18	04		991	727 1101 03 RADAT 57150	AD
SA	1650	80 SCT E250 BKN	20			078	96	53	15	20G28		991	TCU SW MOVG NW RWU NE	AD
SA	1750	E80 BKN 250 BKN	20			084	91	53	16	11		992	RWU SE	AD
RS SA	1850	E80 BKN 250 OVC	20		T	086	91	52	17	08		993	TB48 S MOVG NW OCNL	AD
/	/												LTGCG / 307 1902	/
SA	1950	E80 BKN 250 OVC	20		T	092	90	50	06	06		995	T SW MOVG NW OCNL LTGCGCC	AD
SA	2050	E 80 OVC	20		T	106	84	56	23	22G28		999	T SW-W N-NE MOVG NW	AD
/	/												OCNL LTGCGCC ALQDS	/
SA	2150	E80 OVC	20		T	124	82	55	26	15		004	T W-NE MOVG NW OCNL	AD
/	/												LTGCGCC ALQDS / 334 1911	/
/	/												03	/
SP	2225	80 SCT E140 BKN 250 OVC	20						25	14		004	TE 22 MOVD NW	AD
SA	2250	80 SCT E140 BKN 250 OVC	20			123	82	55	26	11		004	TE 22 MOVD NW OCNL DSNT LTG NW	AD
SA	2350	100 SCT 140 SCT E250 BKN	20			110	81	56	34	08		001		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRiXhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtr 7wwW1W2 8NhCLCMCH plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUG. 3, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.540			32	4	4	CI	250												4	1	.020			00-01
01 50	26.540			32	3															3					01-02
02 50	26.560			36	3															3					02-03
03 57	26.585			49	3	2	CU	70	1	CI	250	3								2	3	.045			03-04
04 50	26.610			52	0															0					04-05
05 56	26.630			50	0															0					05-06
06 58	26.640			45	0	0	CI	250												0	1	.055			06-07
07 53	26.640			42	0															0					07-08
08 55	26.640			37	0															0					08-09
09 56	26.640			30	1	0	CU	70	1	CI	250	1								0	4	.000			09-10
10 54	26.630			27	1															0					10-11
11 57	26.615			20	1															0					11-12
12 55	26.610			18	0	0	CU	80	0	ACSL	150	0	0	CI	250	0				0	7	.030			12-13
13 57	26.590			16	0															0					13-14
14 56	26.590			17	3															1					14-15
15 50	26.580			17	3	0	CU	80	3	CI	250	3								1	7	.030			15-16
16 50	26.560			18	3															1					16-17
17 50	26.560			18	3															2					17-18
18 50	26.560			19	3	3	CI	250												2	6	.020			18-19
19 50	26.580			24	3															2					19-20
20 50	26.590			26	3															2					20-21
21 50	26.600			33	2	2	CI	250												2	2	.040			21-22
22 50	26.600			35	1															1					22-23
23 50	26.610			26	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	88	78	X	X						X		
	0350	1	0	0	0	89	78		0								
	0950	2	0	0	0	91	75		0								
	1548	3	0	0	0	98	91		0								
	2148	4	0	0	0	98	82		0								
	MID.	X	0	0	0	83	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.585	26.640	26.580	26.600
BAROGRAPH 64	26.570	26.635	26.570	26.580
BAR. CORR. 65	+.015	+.005	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	75	0	0	0	41	S	1350					1	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0451 SUNSET 1849

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1080OP / 1616P /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION **WSMO, DESERT ROCK, NV**

SURFACE WEATHER OBSERVATIONS

DATE AUG. 3, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 SCT	20			086	86	53	18	12		994	107 1001	CH
SA	0150	250 SCT	20			086	85	52	14	07		994		CH
SA	0250	250 SCT	20			095	83	53	35	07		996		CH
SA	0357	70 SCT 250 SCT	20			106	78	57	04	08		000	315 1201 78	DC
/													RADAT 89143	/
SA	0450	CLR	20			117	77	58	36	06		002	FEW SC CI	DC
SA	0556	CLR	20			126	78	58	11	07		004	FEW CI SC E	DC
SA	0658	CLR	20			127	83	59	05	04		005	119 1001	DC
SA	0753	CLR	20			127	85	59	09	15		005	FEW CI CU SE	DC
SA	0855	CLR	20			125	89	59	13	05		005	FEW CI CU SE	DC
SA	0956	250-SCT	20			125	91	55	24	06		005	400 1101 75	DC
SA	1054	250-SCT	20			120	93	54	22	19	G33	004	FEW CU	DC
SA	1157	250-SCT	20			115	95	47	23	20	G27	003	CU NE-SE ACSL SE	DC
SA	1255	CLR	20			112	96	45	18	10	G24	002	FEW CU ACSL CI /	DC
/													710 1241	/
SA	1357	CLR	20			105	98	44	18	14	G41	000	FEW CU ACSL CI	DC
/													PK WND 1841/50	/
SA	1456	250-SCT	20			105	98	45	23	16	G23	000	FEW CU ACSL	DC
SA	1550	250-SCT	20			105	97	44	23	16		999	710 1101 98 RADAT	CH
/													53155	/
SA	1650	250-SCT	20			098	96	45	21	14		996		CH
SA	1750	250 SCT	20			098	95	44	22	06		996		CH
SA	1850	250 SCT	20			097	92	44	20	08		996	607 1001	CH
SA	1950	250 SCT	20			107	88	46	04	04		999		CH
SA	2050	250 SCT	20			109	86	47	09	04		000		CH
SA	2150	250 SCT	20			115	82	50	00	00		001	214 1001 98	CH
SA	2250	250 SCT	20			115	79	49	05	04		001		CH
SA	2350	250 SCT	20			115	83	44	11	05		002		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtp 7wwW1W2 8NhCLCMCH plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUG. 2, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.530			51	10	10	CB	E60												10	0	.000			00-01
01 50	26.520			60	10															10					01-02
02 50	26.510			63	9															9					02-03
03 58	26.505			71	9	4	CU	70	5	AC	E140	9								9	6	.025			03-04
04 57	26.520			60	7															7					04-05
05 55	26.540			54	5															5					05-06
06 54	26.555			44	3	1	AC	120	2	CC	200	3								3	2	.050			06-07
07 56	26.560			43	0															0					07-08
08 56	26.560			37	0															0					08-09
09 57	26.560			32	0	0	TCU	70	0	CI	200	0								0	1	.005			09-10
10 55	26.555			31	5															2					10-11
11 56	26.540			29	5															3					11-12
12 57	26.520			27	1	0	CB	80	1	CI	250	1								1	8	.040			12-13
13 56	26.495			28	2															2					13-14
14 56	26.480			25	2															2					14-15
15 50	26.470			24	2	1	TCU	80	1	CI	250	2								2	6	.050			15-16
16 50	26.460			24	2															2					16-17
17 50	26.460			26	2															2					17-18
18 50	26.470			29	2	1	CU	80	1	CI	250	2								2	5	.000			18-19
19 50	26.490			32	0															0					19-20
20 50	26.510			33	0															0					20-21
21 50	26.520			33	0															0	2	.050			21-22
22 50	26.530			33	2															2					22-23
23 50	26.540			30	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		T	0		80	74										
	0350	1	1.10	0	0	87	71		2								
	0950	2	0	0	0	92	76		1								
	1548	3	0	0	0	98	92		0								
	2148	4	0	0	0	97	89		0								
	MID.		0	0	0	89	87										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.505	26.560	26.470	26.520
BAROGRAPH 64	26.500	26.555	26.470	26.520
BAR. CORR. 65	+.005	+.005	± 0	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	74	T	0	0	30	SW	2107					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
T	CONT.	0115			
RW-	0103	0112			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0451 SUNSET 1850

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /1005P/1611P/

0358/0358

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBAN, DESERT ROCK, NV

DATE: AUG. 2, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	E60 OVC	7		T	086	79	59	12	14		993	TS MOVG S OCNL LTGICS	
													00010 ONE 19//	CH
SP	0115	E60 OVC	7						12	12		992	TE15 MOVD S	CH
SA	0150	E70 OVC	7			081	78	63	27	04		992	TE15 MOVDS RB03E12	CH
SA	0250	E70 BKN	7			077	78	64	00	00		991		CH
SA	0358	70 SCT E140 BKN	20			076	76	66	03	07		991	60810 ONE 1270	DC
													~~SPE~~ 20110 71	
													RADAT 53152	
SA	0457	70 SCT E140 BKN	20			085	76	61	06	10		992		DC
SA	0555	140 SCT	20			095	79	61	00	00		994		DC
SA	0654	120 SCT 200 SCT	20			099	82	58	17	03		996	217 1079	DC
SA	0756	CLR	20			099	85	60	30	05		996	FEW CU AC CI	DC
SA	0856	CLR	20			099	88	58	27	03		996	CU AC SE	DC
SA	0957	CLR	20			095	92	58	19	17	G23	996	TCU E SE / 102	DC
													1202 71	
SA	1055	250-SCT	20			100	93	58	23	16	G21	996	CB E AND DSNT N	DC
													TCU SE	
SA	1156	80 SCT 250 SCT	20			095	94	57	18	15	G24	994	CB E AND DSNT N	DC
SA	1257	250 SCT	20			081	96	56	24	14	G21	992	CB NE-E AND DSNT	DC
													N MOVG NE / 814	
													1902	
SA	1356	80 SCT 250 SCT	20			072	96	57	20	16	G21	990	CB E MOVG NE	DC
													TCU NE-SE	
SA	1456	80 SCT 250 SCT	20			066	97	55	22	18	G22	987	TCU NE-SE	DC
SA	1550	80 SCT 250 SCT	20			065	97	54	22	15		986	TCU SE / 617 1202 98	
													RADAT 25158	CH
SA	1650	80 SCT 250 SCT	20			061	96	53	21	15		985	TCU SE	CH
SA	1750	80 SCT 250 SCT	20			060	94	54	22	18	G24	985	CB DSNT SE	CH
SA	1856	80 SCT 250 SCT	20			064	92	55	20	12		986	500 1101	CH
SA	1950	CLR	20			071	91	57	20	16	G24	988		CH
SA	2050	CLR	20			077	90	57	20	16		991		CH
SA	2150	CLR	20			079	89	56	20	20	G28	992	217 98	CH
SA	2250	250 SCT	20			083	88	55	20	16	G26	993		CH
SA	2350	250 SCT	20			086	88	52	20	18	G28	994		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIIII iρi hVV NddF 1s TTT 2s TdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups

MF1-1LE (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUG 1 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.560			44	3	3	AC	120												3	4	.000			00-01
01 50	26.550			42	6															6					01-02
02 50	26.560			46	7															7					02-03
03 58	26.550			54	6	6	AC	E120												6	7	.010			03-04
04 53	26.560			67	1															1					04-05
05 57	26.575			60	3															3					05-06
06 50	26.585			55	0	0	AC	120												0	2	.035			06-07
07 55	26.585			45	1															1					07-08
08 57	26.580			41	1															1					08-09
09 57	26.570			38	6	0	CB	70	2	AC	120	2	4	AC	E160	6				6	8	.015			09-10
10 57	26.560			33	5															4					10-11
11 55	26.540			28	4															4					11-12
12 51	26.510			26	2	0	CB	80	2	AC	120	2								2	8	.060			12-13
13 58	26.475			21	0															0					13-14
14 56	26.470			22	1															1					14-15
15 50	26.460			20	2	2	CB	80												2	6	.050			15-16
16 50	26.460			29	2															2					16-17
17 50	26.470			40	3															3					17-18
18 50	26.470			30	4	4	CB	80												4	2	.010			18-19
19 50	26.500			33	4															4					19-20
20 50	26.520			31	10															10					20-21
21 50	26.530			32	10	10	CB	E80												10	1	.060			21-22
22 50	26.560			76	10															10					22-23
23 50	26.540			66	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	84	78	X	X						X		
	0350	1	0	0	0	85	78		0								
	0950	2	0	0	0	91	75		0								
	1548	3	0	0	0	100	91		0								
	2148	4	0	0	0	100	84		0								
	MID.	X	1.10	0	0	87	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.570	26.460	26.530
BAROGRAPH 64	26.525	26.560	26.460	26.530
BAR. CORR. 65	+.025	+.010	± 0	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	71	1.10	0	0	57	NW	2241					2	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	2120	2240			
RW	2218	2305			
T+	2240	2302			
T	2302	CONT.			
RW+	2305	2322			
RW-	2322	2330			

96. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 04:50 SUNSET 18:51

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1041 0 / 1620 /

2150/2150

2250/2250 WND 54/57 SA/RS

MF1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 1 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	120 SCT	20			097	82	58	12	11		996	400 1070	CH
SA	0150	E120 BKN	20			093	83	57	11	06		995		CH
SA	0250	E120 BKN	20			096	81	58	09	04		996		CH
SA	0358	E 120 BKN	20			094	78	60	35	04		995	703 1070 78	DC
													RADAT 72148	
SA	0453	120 SCT	20			100	75	63	36	03		996		DC
SA	0557	120 SCT	20			105	78	63	20	02		999		DC
SA	0650	CLR	20			107	81	63	13	10		000	212 1070	DC
SA	0755	120 SCT	20			107	86	62	32	04		000	CU FRMG SE	DC
SA	0857	120 SCT	20			105	89	62	31	06		999	CB OMTNS SE	DC
SA	0957	120 SCT E160 BKN	20			101	91	62	21	06		997	CB RWU OMTNS SE	DC
													/ 805 1970 75	
SA	1057	120 SCT 200 SCT	20			095	94	60	24	11		996	CB N CB OCNL	DC
													LTGCG RWU SE	
SA	1155	120 SCT 200 SCT	20			089	96	57	25	08		994	CB N-SE RWU SE	DC
SA	1251	120 SCT	20			075	97	56	29	06		991	CB DSNT W AND	DC
													NW-NE-SE / 8201960	
SA	1358	CLR	20			061	99	52	25	12	G17	987	CB NW-NE SE AND	DC
													DSNT SW TCU E-SE	
SA	1456	80 SCT	20			061	99	53	22	12	G18	986	CB NW-SE AND	DC
													DSNT SW RWU SE	
SA	1550	80 SCT	20			058	99	51	23	14	G20	985	CB E-SE RWU SE /	
													617 1900 00 RADAT 51152	CH
SA	1650	80 SCT	20			063	94	57	13	22	G34	985	CB SE RWU SE	CH
SA	1750	80 SCT	20			069	86	59	12	20	G29	986	CB NE AND E PKWND	
													1336/12	CH
SA	1850	80 SCT	20			065	89	53	11	12		986	CB NW OCNL LTGCG NW /	CH
													203 1900	
SA	1950	80 SCT	20			075	88	55	02	10		990	CB N MOVG E OCNL LTGICCG N	CH
SA	2050	E 80 OVC	20			083	85	51	06	16	G24	992	OCNL LTGICCG N-NE	CH
SP	2120	E 80 OVC	20		T				00	00		992	TB20 NE MOVG E	
													OCNL LTGICCG NE-NW	CH
SA	2150	E 80 OVC	10		T	085	87	53	00	00		993	TB20 NE MOVG E OCNL	
													LTGICCG ~~E-N-E~~ W-N-E / 120	
													19// 00	CH
SA	2250	E40 OVC	4		~~T~~RW	102	73	65	32	30	G54 ?	996	TOVHD MOVG SE OCNL	
													LTGICCG ALQDS RB18	
													PKWND 3257/41	CH
SP	2302	E40 OVC	4		TRW				06	16		996	TOVHD MOVG SE	CH
SA	2350	E60 OVC	7		T	092	74	62	15	08		994	TS MOVG SE OCNL LTGICCG	
													S RE30	CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii iniihVV Nddff 1snTTT 2snTdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtp 7wwW1W2 8NhCLCMCH plus regional and national data groups.