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, Nevada
MONTH: September
YEAR: 1987

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 KNOTS	PEAK SPEED KNOTS	DIRECTION	SUNSHINE (INS.)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	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	97	68	83			18				7.6	29	SW	26.72		7		27	18	15	26
2	97	72	85			20	T			7.7	35	SE	26.65		6	RW	30	21	18	28
3	93	66	80			15				7.8	22	SW	26.56		5		35	20	16	25
4	93	69	81			16				9.0	25	E	26.53		5		27	21	16	33
5	89	61	75			10				6.6	20	W	26.55		2		48	32	18	31
6	90	61	76			11				5.2	22	SW	26.58		0		43	26	13	20
7	91	60	76			11				6.1	24	SW	26.60		0		31	18	12	18
8	93	58	76			11				5.1	22	SW	26.61		1		21	11	11	11
9	95	58	77			12				6.0	20	SW	26.64		5		17	11	12	12
10	92	63	78			13				5.2	18	SW	26.56		0		20	13	10	11
11	92	58	75			10				6.2	17	W	26.45		1		16	12	10	13
12	86	59	73			8				9.9	34	SW	26.39		9		19	18	9	19
13	78	54	66			1				5.9	25	SE	26.50		8		23	39	23	32
14	86	56	71			6				7.8	21	SW	26.56		0		39	32	19	28
15	89	57	73			8				7.9	29	SW	26.58		0		41	22	12	13
16	86	63	75			10				6.5	16	SW	26.51		7		25	21	14	23
17	90	58	74			9				6.7	22	NE	26.58		0		28	13	11	20
18	91	55	73			8				5.3	21	W	26.62		0		25	12	11	19
19	92	58	75			10				4.8	19	SW	26.66		0		26	13	11	16
20	96	58	77			12				5.0	19	NE	26.62		0		20	11	11	10
21	94	68	81			16				10.3	20	SE	26.62		2		12	11	10	14
22	90	68	79			14				10.5	25	E	26.72		8		14	11	13	35
23	87	64	76			11	0.04			6.7	25	SW	26.72		8	RW	44	37	25	73
24	85	57	71			6				5.3	19	SW	26.65		3		84	35	28	46
25	89	58	74			9				6.7	29	SW	26.58		0		56	31	22	33
26	89	58	74			9				7.5	25	W	26.56		0		40	25	19	32
27	90	63	77			12				6.1	17	NE	26.64		0		38	15	16	27
28	92	60	76			11				5.0	16	NE	26.71		0		35	15	11	22
29	92	63	78			13				8.3	20	NE	26.75		0		16	11	11	12
30	92	62	77			12				8.5	20	SE	26.72		0		11	11	11	14
31																				
SUM	2716	1833	—	—	0	332	0.04	0	—	207.2	—	—	798.14	—	77	—	911	586	440	716
AVG	90.5	61.1	—	—	—	—	—	—	—	6.9	FASTEST	DIRECTION	POSSIBLE	%		—	30	20	15	24
										MISC. →	35	SE	26.60		2.6	—				

TEMPERATURE DATA

AVERAGE MONTHLY 76.1
DEPARTURE FROM NORMAL 1.3
HIGHEST 97 ON 1, 2
LOWEST 54 ON 13

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 20
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL -12
SEASONAL TOTAL 0
DEPARTURE FROM NORMAL -12

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 332
DEPARTURE FROM NORMAL 19
SEASONAL TOTAL 1978
DEPARTURE FROM NORMAL -68

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.04 IN.
DEPARTURE FROM NORMAL -0.55 IN.
GREATEST IN 24 HRS. 0.04 ON 23

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST IN 24 HRS. ____ ON ____
GREATEST DEPTH ON GROUND ____ ON ____

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 20
PARTLY CLOUDY (Scale 4–7) 6
CLOUDY (Scale 8–10) 4
WITH 0.01 INCH OR MORE PRECIP. 1
WITH 0.10 INCH OR MORE PRECIP. 0
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG WITH VISIBILITY ⅛ 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 26.810 IN. ON 29
LOWEST 26.345 IN. ON 12

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

WSMO, DESERT ROCK, NV.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [redacted]

DATE SEP 1 1987

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 (10's-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTS INITIALS (15)
SA	0050	250 - SCT	20			163	75	37	01	07		015	108 1001	HS
SA	0150	CLR	20			161	77	38	25	06		015		HS
SA	0250	CLR	20			159	76	39	03	10		014		HS
SA	0350	CLR	20			164	75	39	04	10		015	50078 RADAT 51146	CH
SA	0450	CLR	20			170	70	38	11	04		016		CH
SA	0550	250 SCT	20			179	69	38	00	00		018		CH
SA	0650	250 SCT	20			178	77	39	00	00		018	110 1001	CH
SA	0750	250 SCT	20			178	84	40	24	04		018		CH
SA	0850	250 SCT	20			182	89	40	21	05		019		CH
SA	0950	250 - BKN	20			184	89	40	21	14		020	307 1101 68	CH
SA	1050	250 - BKN	20			180	93	40	21	14		019		CH
SA	1150	80 SCT 250-BKN	20			174	94	40	22	14		017	CB S AND STNRY	CH
SA	1250	80 SCT 250-OVC	20			165	94	40	23	14		015	CB S AND DSNT N VIRGAS/	
													817 1902	CH
SA	1350	80 SCT E250 OVC	20			156	94	40	22	10		013	CB S AND N RWY S	CH
SA	1450	80 SCT E250 OVC	20			150	93	36	19	12		011	TCU ALQDS VIRGA S	CH
SA	1551	80 SCT E250 BKN	20			144	93	38	24	10		008	LINE TCU N-NE 720	
													1208 97 RADAT 52145	HS
SA	1650	80 SCT E250 BKN	20			141	93	38	28	12		007	TCU NE-SE	HS
SA	1750	80 SCT 250 SCT	20			144	89	39	24	08		007	TCU VIRGA SE	HS
SA	1850	80 SCT E250 BKN	20			150	84	39	34	04		009	303 1208	HS
SA	1950	80 SCT E250 BKN	20			152	81	38	08	04		011		HS
SA	2051	80 SCT E250 BKN	20			153	83	39	13	04		012	1	HS
SA	2150	250 - BKN	20			155	77	39	07	05		012	FEW SC 307 1408 97	HS
SA	2250	250 - SCT	20			156	78	44	10	07		013		HS
SA	2350	E250 BKN	20			157	78	40	36	03		013		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 $i_R i_x h$VV 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 1 1987

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	26.730			26	2	2	Ci	250												1	1	.025			00-01
01 50	26.725			25	0															0					01-02
02 50	26.720			27	0															0					02-03
03 50	26.730			27	0															0	5	.000			03-04
04 50	26.740			31	0															0					04-05
05 50	26.760			32	2															2					05-06
06 50	26.760			26	3	3	Ci	250												3	1	.030			06-07
07 50	26.760			21	3															3					07-08
08 50	26.770			18	4															3					08-09
09 50	26.780			18	7	0	Cu	80	7	Ci	250	7								2	3	.020			09-10
10 50	26.770			16	7															2					10-11
11 50	26.750			15	8															3					11-12
12 50	26.730			15	10	1	CB	80	9	Ci	250	10								3	8	.050			12-13
13 50	26.710			15	10															6					13-14
14 50	26.690			14	10															6					14-15
15 51	26.670			15	9	2	Cu	80	7	Cs	E250	9								6	7	.060			15-16
16 50	26.660			15	8															6					16-17
17 50	26.660			17	5															4					17-18
18 50	26.680			20	6	4	Cu	80	2	Cs	E250	6								6	3	.010			18-19
19 50	26.690			22	6															6					19-20
20 51	26.700			21	7															6					20-21
21 50	26.700			26	6	0	Sc	80	6	Cs	250	6								3	1	.020			21-22
22 50	26.710			30	5															2					22-23
23 50	26.710			26	8															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	82	74	X	X						X		
	0348	1	0	0	0	82	74		0								
	0948	2	0	0	0	89	68		0								
	1549	3	0	0	0	97	89		0								
	2148	4	0	0	0	93	77		0								
	MID.	X	0	0	0	78	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.780	26.670	26.700
BAROGRAPH 64	26.720	26.765	26.670	26.700
BAR. CORR. 65	+.010	+.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 (Mps.) 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	29	SW	1230					7	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0515 SUNSET 1813

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060OP/1955 /

WIND GUST RECORDER INOP - CONT'D BACK in service 0330

0350/0350

2150/0402-2

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

WSMO, DESERT ROCK, NV.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [redacted]

DATE: SEP 2 1987

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	0050	E250 OVC	20			154	77	43	33	06		012	000 1007	HS
SA	0150	E250 BKN	20			146	84	43	04	14		011		HS
SA	0250	E250 BKN	20			145	78	43	17	07		009		HS
SA	0335	120 SCT E250 OVC	20			153	77	43	09	04		012	500 1078 76 RADAT 83135	CG
SA	0454	E120 BKN 250 BKN	20			157	77	43	07	05		013		CG
SA	0553	80 SCT E120 BKN	20			163	78	43	11	06		014	TCU ALQDS HWD S-W	CG
SA	0657	80 SCT E120 BKN	20			154	85	43	05	11		012	*000 1308 1370 *CB SW	CG
SA	0754	E80 BKN	20			154	88	43	12	10		012		CG
SA	0852	E80 BKN	20			153	85	43	20	13		014		CG
SA	0953	E80 BKN	20			164	87	42	22	10		014	107 1200 75	CG
SA	1059	80 SCT	20			149	93	41	20	03		011	TCU ALQDS	CG
SA	1158	80 SCT	20			138	94	40	19	12		007	TCU ALQDS	CG
SA	1258	80 SCT	20			129	96	39	16	05		005	CB E 727 1300	CG
SA	1355	80 SCT	20			121	92	42	13	13		003	CB N-E	CG
SA	1451	E80 BKN	20			116	91	40	36	03		001	CB N AND SE RBGE15	CG
SA	1557	E80 BKN 140 BKN	20			117	90	41	22	17	G25	001	CB RWU SW MOVG	DC
													NE / 61400 1960	
													97 RADAT 73140	
SA	1652	80 SCT E140 BKN	20			111	89	41	26	09		000	CB RWU VIRGA NE	DC
													AND W-NW	
SA	1755	80 SCT 140 SCT	20			110	87	40	17	05		999	VIRGA NW-NE	DC
SA	1857	80 SCT 140 SCT	20			110	80	39	11	05		999	607 1460	DC
SA	1957	100 SCT E160 BKN	20			120	79	40	11	06		002		DC
SA	2056	160 SCT 250 SCT	20			124	77	40	12	03		002		DC
SA	2157	100 SCT 250 SCT	20			125	75	40	12	05		003	112 1072 97	DC
SA	2254	100 SCT	20			124	72	40	06	05		003		DC
SA	2358	E80 BKN	20			119	76	39	10	07		002		DC

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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 2 1987

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			30	10	10	CS	E250												10	0	.000			00-01
01 50	26.690			24	6															6					01-02
02 50	26.680			29	8															8					02-03
03 55	26.700			30	10	3	Ac	120	7	Cs	E250	10								10	5	.000			03-04
04 54	26.710			30	8															8					04-05
05 53	26.720			29	7															7					05-06
06 57	26.700			23	7	7	CB	80	5	Ac	E120	7								7	0	.000			06-07
07 54	26.700			21	6															6					07-08
08 52	26.720			23	6															6					08-09
09 53	26.720			21	6	6	Cu	E80												6	1	.020			09-10
10 59	26.690			17	5															5					10-11
11 58	26.660			15	4															4					11-12
12 58	26.640			14	4	4	CB	80												4	7	.080			12-13
13 55	26.620			18	5															5					13-14
14 57	26.600			17	6															6					14-15
15 57	26.600			18	8	6	CB	E80	2	AC	140	8								8	6	.040			15-16
16 52	26.585			19	7															7					16-17
17 55	26.580			19	3															3					17-18
18 57	26.580			23	2	1	SC	80	1	AC	140	2								2	6	.020			18-19
19 57	26.605			25	7															6					19-20
20 56	26.610			27	5															4					20-21
21 57	26.615			28	2	1	AC	100	1	CI	250	2								2	1	.035			21-22
22 54	26.615			31	2															2					22-23
23 58	26.610			26	6															6					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	76	X	X						X		
	0350	1	0	0	0	84	76		0								
	0951	2	0	0	0	89	75		0								
	1550	3	T	0	0	97	86		0								
	2150	4	0	0	0	90	75		0								
	MID.	X	0	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.720	26.600	26.615
BAROGRAPH 64	26.690	26.710	26.600	26.615
BAR. CORR. 65	+.010	+.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 MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
97	72	T	0	0	35	SE	1406					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	1406	1415			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0516 SUNSET 1812

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: 10705 / 19301

0657/0657

BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.
1305 PST

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 3 1987

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. METHODS (15)
SA	0054	80 SCT	20			116	73	39	05	05		001	805 1200	DC
SA	0154	80 SCT	20			115	71	38	05	06		000		DC
SA	0253	80 SCT	20			116	70	39	04	06		000		DC
SA	0353	250-SCT	20			122	68	39	04	05		001	500 1001 68 RADAT 49138	CC
SA	0460	120 SCT	20			123	67	39	05	05		001		CC
SA	0551	120 SCT	20			131	66	39	03	03		003		CC
SA	0659	120 SCT	20			130	75	40	05	02		003	107 1070	CC
SA	0754	CLR	20			128	80	40	28	02		003		CC
SA	0855	250-SCT	20			127	85	41	23	10		003	1108	CC
SA	0952	250-BKN	20			123	87	41	23	07		002	803 ~~1008~~ 66	CC
SA	1053	250-BKN	20			119	89	41	27	10		001		CC
SA	1150	250-BKN	20			106	91	39	23	10		997	TCU N	CC
SA	1253	250-OVC	20			103	92	40	24	16		996	817 1207	CC
SA	1354	250-OVC	20			093	92	39	22	16		993	CB N	CC
SA	1451	~~80 SCT~~ 250-OVC	20			089	92	37	25	11		992	CB NW-N	CC
SA	1557	80 SCT 250-SCT	20			081	91	39	22	15		990	CB N MOVG NE / 722	DC
												1408	~~1900~~ 93 RADAT 43135	
SA	1650	80 SCT	20			080	90	39	20	05		988	SMKY	DC
SA	1755	CLR	20			080	88	37	23	10		988	FEW CU SC SMKY	DC
SA	1850	CLR	20			081	83	36	24	05		990	500 1400	DC
SA	1957	CLR	20			085	78	36	08	05		991		DC
SA	2058	CLR	20			085	77	36	10	06		991		DC
SA	2157	E120 BKN	20			087	74	36	08	04		992	107 1070 93	DC
SA	2255	E90 OVC	20			088	80	39	04	11		993		DC
SA	2355	E70 OVC	20			086	81	38	02	13		993	BINOVC	DC

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:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 3 1987

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 54	26.600			29	3	3	Cu	80												3	8	.015			00-01
01 54	26.590			30	1															1					01-02
02 53	26.590			32	1															1					02-03
03 53	26.600			35	2	2	Cu	250												0	5	.000			03-04
04 50	26.600			36	1															1					04-05
05 51	26.620			37	1															1					05-06
06 59	26.620			28	1	1	Ac	120												1	1	.020			06-07
07 54	26.620			24	0															0					07-08
08 55	26.620			21	3															0					08-09
09 52	26.610			20	9	0	Cu	70	9	Cs	250	9								0	8	.010			09-10
10 53	26.600			19	8															0					10-11
11 50	26.570			16	8															0					11-12
12 53	26.560			16	10	0	Cu	70	10	Cs	250	10								1	8	.050			12-13
13 54	26.530			16	10															1					13-14
14 51	26.520			15	10															2					14-15
15 57	26.495			16	4	1	Cb	80	3	Cs	250	4								1	7	.065			15-16
16 50	26.490			17	1															1					16-17
17 55	26.490			17	0															0					17-18
18 50	26.495			19	0	0	Sc	80												0	5	.000			18-19
19 57	26.505			22	0															0					19-20
20 58	26.510			23	0															0					20-21
21 57	26.515			25	6	6	Ac	E120												6	1	.020			21-22
22 55	26.525			23	10															10					22-23
23 55	26.525			22	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		0	0		78	68										
	0350	1	0	0	0	78	68		0								
	0950	2	0	0	0	87	66		0								
	1550	3	0	0	0	93	87		0								
	2150	4	0	0	0	91	73		0								
	MID.		0	0	0	81	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0853	0952	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.610	26.495	26.515
BAROGRAPH 64	26.600	26.600	26.500	26.515
BAR. CORR. 65	0	+.010	-.005	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
93	66	0	0	0	22	SW	1317*					5	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 0517 SUNSET 1810

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: 1061B / 1930 /

0952/0952

SA 1557 CLD CODE 1900 CHANGED TO 1908 AT 1700P

* 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: [illegible], DESERT ROCK, NV

DATE: SEP 4 1987

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)	SEQUENCE NUMBER (15)
SA	0056	E90 OVC	20			095	80	38	29	04		995	310 107/	DC
SA	0155	E100 BKN	20			099	86	42	14	05		996		DC
SA	0255	E100 OVC	20			096	77	39	04	11		995		DC
SA	0358	E100 OVC	20			091	78	41	03	13		994	803 107/ 73	DC
SA	0458	E100 OVC	20			098	77	44	10	08		995	RADAT 68133	CG
SA	0553	E120 BKN	20			103	77	42	09	09		996	K ALQDS	CG
SA	0657	E120 BKN	20			108	79	42	06	07		997	K ALQDS / 112 1070	CG
SA	0755	-X 120 SCT	15			113	82	42	02	06		999	K1	CG
SA	0853	-X 120 SCT 250 SCT	15			112	84	41	17	07		999	K1	CG
SA	0955	-X 120 SCT 250-BKN	15			109	86	41	13	03		997	K1 / 000 1078 73	CG
SA	1051	-X 120 SCT 180 SCT	15			101	89	41	26	08		996	K1	CG
SA	1150	80 SCT	20			096	89	41	27	07		995	HAZY ALQDS	CG
SA	1254	80 SCT	20			088	90	41	30	11		993	HAZY ALQDS / 814 1100	CG
SA	1352	80 SCT	20			081	91	40	16	10		991	TCU N-E HAZY ALQDS	CG
SA	1457	80 SCT	20			070	92	41	25	10		987	CB SE HAZY ALQDS	CG
SA	1557	80 SCT	20			065	91	39	26	11		986	CB N MOVG NE TCU	DC
													SE / 722 1900 93	
													RADAT 69132	
SA	1651	80 SCT 250 SCT	20			068	89	38	17	06		986	TCU E	DC
SP	1719	80 SCT	20						10	20	G25	986	WSHFT 04	DC
SA	1752	80 SCT	20			071	84	45	11	18	G22	987	WSHFT 04	DC
SA	1851	80 SCT	20			076	82	45	11	15		988	307 1200	DC
SA	1948	80 SCT	20			076	82	44	11	12		988		DC
SA	2058	80 SCT 120 SCT	20			078	78	45	11	15		988		DC
SA	2158	CLR	20			080	77	46	16	07		990	205 1100 93	DC
SA	2251	CLR	20			081	76	45	15	04		991		DC
SA	2356	150 SCT	20			090	69	44	06	08		992		DC

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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 4 1987

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	26.545			22	10	10	AC	E90												10	3	.030			00-01
01 55	26.555			26	1															1					01-02
02 55	26.545			26	10															10					02-03
03 58	26.535			27	10	10	AC	E100												10	8	.010			03-04
04 58	26.550			31	10															10					04-05
05 53	26.580			29	9															9					05-06
06 57	26.570			27	9	9	Ac	E120												9	1	.035			06-07
07 55	26.580			24	5															5					07-08
08 53	26.580			22	4															4					08-09
09 55	26.570			21	7	1	K	—	2	Ac	120	3	4	Cs	250	7				3	0	.000			09-10
10 51	26.560			19	4															4					10-11
11 50	26.550			19	3															3					11-12
12 54	26.530			18	3	3	Cu	80												3	8	.040			12-13
13 52	26.510			17	3															3					13-14
14 57	26.480			17	3															3					14-15
15 57	26.465			16	5	5	CB	80												5	7	.065			15-16
16 51	26.470			17	5															5					16-17
17 52	26.475			26	1															1					17-18
18 51	26.485			27	1	1	Cu	80												1	3	.020			18-19
19 48	26.490			26	1															1					19-20
20 58	26.490			31	2															2					20-21
21 58	26.500			33	0	0	Cu	80												0	2	.015			21-22
22 51	26.505			33	0															0					22-23
23 56	26.515			41	5															5					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	82	77	X	X						X		
	0350	1	0	0	0	82	73		0								
	0851	2	0	0	0	87	77		0								
	1549	3	0	0	0	93	86		0								
	2150	4	0	0	0	91	76		0								
	MID.	X	0	0	0	77	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.570	26.465	26.500
BAROGRAPH 64	26.535	26.570	26.470	26.505
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 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	0	0	0	25	E	1718					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0518 SUNSET 1809

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 / 2200P

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 5 1987

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. SERIES INITIALS (15)
SA	0056	150 SCT	20			089	72	43	11	05		992	207 1030	DC
SA	0158	100 SCT 150 SCT	20			094	66	41	07	04		993		DC
SA	0256	CLR	20			094	68	44	31	05		993		DC
SA	0358	CLR	20			100	64	44	04	06		994	207 64 RADAT 64129	CG
SA	0453	80 SCT	20			105	63	45	07	03		995		CG
SA	0554	80 SCT	20			116	62	45	19	05		997		CG
SA	0652	80 SCT	20			122	67	49	36	05		000	317 1100	CG
SA	0757	80 SCT	20			123	74	52	35	02		001		CG
SA	0853	160 SCT	20			122	78	51	14	10		001		CG
SA	0954	CLR	20			122	81	48	16	13		001	103 1100 61	CG
												~~001~~	~~103 1100 61~~	
SA	1054	CLR	20			117	83	44	22	07		000	CU SE	CG
SA	1153	CLR	20			112	85	44	20	05		997		CG
SA	1252	80 SCT	20			102	87	43	18	02		995	CB NE / 717 1300	CG
SA	1353	80 SCT	20			097	88	40	12	06		993	CB N AND E	CG
SA	1451	80 SCT	20			092	88	40	23	14		992	CB N AND E-SE	CG
SA	1558	80 SCT	20			086	88	39	29	14	G20	990	* 717 1900 89	DC
													RADAT 76128 * CB	
													DSNT SE	
SA	1655	80 SCT	20			086	86	38	24	14		990	CB SE DSNT E-SE	DC
													TCU NE	
SA	1757	80 SCT	20			091	83	37	25	12		991	CB OCNL LTGCG DSNT	DC
													SE TCU SE	
SA	1855	80 SCT	20			096	80	37	24	07		992	CB NE AND SE PQT	DC
													LTGIC NE RWU SE /	
													307 1900	
SA	1956	CLR	20			105	76	36	08	04		995	CB DSIPTD CU SC SE	DC
SA	2055	CLR	20			106	72	38	06	04		995	CU SC NE-SE	DC
SA	2157	CLR	20			101	72	40	05	05		995	008 89	DC
SA	2254	CLR	20			105	72	45	08	04		996		DC
SA	2355	CLR	20			105	70	42	31	03		996		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.

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 5 1987

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	26.520			35	3	3	AC	150												3	2	.020			00-01
01 58	26.525			40	3															3					01-02
02 56	26.530			42	0															0					02-03
03 58	26.540			48	0															0	2	.020			03-04
04 53	26.550			52	2															2					04-05
05 54	26.570			54	5															5					05-06
06 52	26.590			53	4	4	Cu	80												4	3	.050			06-07
07 57	26.600			46	2															2					07-08
08 53	26.600			39	1															1					08-09
09 54	26.600			32	0	0	Cu	80												0	1	.010			09-10
10 54	26.590			26	0															0					10-11
11 53	26.570			24	0															0					11-12
12 52	26.550			22	1	1	CB	80												1	7	.050			12-13
13 53	26.530			19	1															1					13-14
14 51	26.520			19	2															2					14-15
15 58	26.500			18	2	2	CB	80												2	7	.050			15-16
16 55	26.495			18	2															2					16-17
17 57	26.505			19	1															1					17-18
18 55	26.520			21	1	1	CB	80												1	3	.020			18-19
19 56	26.545			24	0															0					19-20
20 55	26.550			29	0															0					20-21
21 57	26.545			31	0															0	0	.025			21-22
22 54	26.555			38	0															0					22-23
23 55	26.555			36	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 0855	X	0	0	X	72	64	X	X						X		
	0855	1	0	0	0	77	64		0								
	0951	2	0	0	0	82	61		0								
	1550	3	0	0	0	89	81		0								
	2150	4	0	0	0	88	72		0								
	MID.	X	0	0	0	73	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0858	0954	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.600	26.500	26.545
BAROGRAPH 64	26.540	26.600	26.510	26.555
BAR. CORR. 65	0	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 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
89	61	0	0	0	20	W	1554*					2	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	DESCRIP. 83	OBSCUR. 84	TYPE 85	DESCRIP. 86	OBSCUR. 87

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0518 SUNSET 1807

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 / 2030P /

0954/0954

1558/1558

* LAST OF SEVERAL OCCURRENCES

BAROGRAPH CHART CHANGED 1200PST

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 6 1987

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 (7)	DEW PT. (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. METEOROLOGIST (15)
SA	0052	CLR	20			110	67	38	04	05		997	207	DC
SA	0155	CLR	20			110	66	40	00	00		997		DC
SA	0252	CLR	20			111	64	43	11	04		997		DC
SA	0353	CLR	20			112	66	43	02	05		997	302 64 RADAT 65/27	JP
SA	0457	CLR	20			118	63	42	00	00		999		JP
SA	0554	CLR	20			124	63	42	12	05		000		JP
SA	0655	CLR	20			129	70	42	01	04		002	314	JP
SA	0754	CLR	20			126	77	45	00	00		002		JP
SA	0852	CLR	20			131	80	45	20	03		003	FEW CU 5	JP
SA	0954	CLR	20			130	84	45	24	05		003	FEW CU / 103 1100 61	JP
SA	1056	CLR	20			125	85	43	23	10		002	FEW CU	JP
SA	1155	CLR	20			118	86	39	23	09		000	FEW CU	JP
SA	1256	CLR	20			111	88	35	21	12		997	FEW CU / 811 1100	JP
SA	1353	CLR	20			107	89	35	23	11		996	FEW CU	JP
SA	1450	CLR	20			105	88	33	23	08		995	FEW CU	JP
SA	1550	CLR	20			100	87	31	22	07		994	710 90 RADAT 20135	CH
SA	1650	CLR	20			103	86	31	25	10		994		CH
SA	1750	CLR	20			109	84	31	25	08		994		CH
SA	1850	CLR	20			111	79	30	00	00		996	307	CH
SA	1950	CLR	20			115	78	29	00	00		999		CH
SA	2050	CLR	20			119	73	27	00	00		000		CH
SA	2150	CLR	20			124	70	27	07	06		001	214 90	CH
SA	2250	CLR	20			125	72	27	05	09		002		CH
SA	2350	CLR	20			128	70	27	11	04		003		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 $i_R i_x$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 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 6 1987

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 52	26.565			34	0															0	2	.020			00-01
01 55	26.565			39	0															0					01-02
02 52	26.565			46	0															0					02-03
03 53	26.570			43	0															0	3	.005			03-04
04 57	26.580			46	0															0					04-05
05 54	26.590			46	0															0					05-06
06 55	26.610			36	0															0	3	.040			06-07
07 54	26.610			32	0															0					07-08
08 52	26.620			39	0															0					08-09
09 54	26.620			26	0	0	CU	80												0	1	.010			09-10
10 56	26.610			23	0															0					10-11
11 55	26.590			19	0															0					11-12
12 56	26.570			15	0	0	CU	80												0	8	.050			12-13
13 53	26.560			15	0															0					13-14
14 50	26.550			14	0															0					14-15
15 50	26.540			13	0															0	7	.030			15-16
16 50	26.540			14	0															0					16-17
17 50	26.540			15	0															0					17-18
18 50	26.560			17	0															0	3	.020			18-19
19 50	26.580			17	0															0					19-20
20 50	26.590			18	0															0					20-21
21 50	26.600			20	0															0	2	.010			21-22
22 50	26.610			17	0																				22-23
23 50	26.615			20	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 0352	X	0	0	X	71	64	X	X						X		
	0352	1	0	0	0	73	64		0								
	0953	2	0	0	0	84	61		0								
	1548	3	0	0	0	90	83		0								
	2148	4	0	0	0	88	69		0								
	MID.	X	0	0	0	72	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.620	26.540	26.600
BAROGRAPH 64	26.575	26.620	26.540	26.590
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 UNTIL TO (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
90	61	0	0	0	22	SW	1203					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 0519 SUNSET 1806

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: 1053SP / 1900PI

☆ U.S. Government Printing Office: 1986—454-383

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 SEP 7 1987

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's °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	CLR	20			126	66	28	07	04		002	003	CH
SA	0150	CLR	20			123	66	35	00	00		001		CH
SA	0250	CLR	20			124	64	29	10	04		001		CH
SA	0350	CLR	20			130	62	31	00	00		002	500 61	CH
SA	0453	CLR	20			130	61	29	09	05		002	RADAT 41133	JP
SA	0556	CLR	20			139	67	32	11	05		004		JP
SA	0657	CLR	20			142	69	37	17	03		005	310	JP
SA	0758	CLR	20			139	76	34	00	00		005		JP
SA	0852	CLR	20			138	82	36	20	05		005		JP
SA	0953	CLR	20			139	84	36	28	04		005	400 60	JP
SA	1054	CLR	20			134	86	33	24	08		004		JP
SA	1152	CLR	20			125	88	33	23	07		002		JP
SA	1253	CLR	20			119	90	32	19	15		000	FEWCU / 817 1100	JP
SA	1354	CLR	20			110	90	31	23	16		997	FEWCU	JP
SA	1450	CLR	20			108	90	30	31	16		996	FEWCU	JP
SA	1550	CLR	20			110	89	30	24	12		996	610 91 RADAT 46132	CH
SA	1650	CLR	20			111	88	28	22	12		996		CH
SA	1750	CLR	20			111	85	27	25	08		996		CH
SA	1850	CLR	20			115	80	28	24	04		997	303	CH
SA	1950	CLR	20			119	78	25	22	06		000		CH
SA	2050	CLR	20			123	72	24	01	04		001		CH
SA	2150	CLR	20			123	70	24	03	04		001	110 91	CH
SA	2250	CLR	20			123	69	23	00	00		001		CH
SA	2350	CLR	20			126	66	23	06	04		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 $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ 7wwW1W2 $8N_hC_LC_MC_H$ 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 7 1987

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	26.610			24	0															0	0	.010			00-01
01 50	26.600			32	0															0					01-02
02 50	26.600			27	0															0					02-03
03 50	26.610			31	0															0	5	.000			03-04
04 53	26.610			30	0															0					04-05
05 56	26.630			32	0															0					05-06
06 57	26.640			31	0															0	3	.030			06-07
07 58	26.640			22	0															0					07-08
08 52	26.640			19	0															0					08-09
09 53	26.640			18	0															0	4	.000			09-10
10 54	26.630			15	0															0					10-11
11 57	26.610			14	0															0					11-12
12 53	26.590			13	0	0	CU	80												0	8	.050			12-13
13 59	26.570			12	0															0					13-14
14 50	26.560			12	0															0					14-15
15 50	26.560			12	0															0	6	.030			15-16
16 50	26.560			12	0															0					16-17
17 50	26.560			12	0															0					17-18
18 50	26.570			15	0															0	3	.010			18-19
19 50	26.590			14	0															0					19-20
20 50	26.600			16	0															0					20-21
21 50	26.600			18	0															0	1	.030			21-22
22 50	26.600			18	0															0					22-23
23 50	26.610			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 0348	X	0	0	X	70	61	X	X						X		
	0348	1	0	0	0	72	61		0								
	0957	2	0	0	0	84	60		0								
	1548	3	0	0	0	91	84		0								
	2148	4	0	0	0	90	70		0								
	MID.	X		0	0	70	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.640	26.560	26.600
BAROGRAPH 64	26.605	26.640	26.550	26.600
BAR. CORR. 65	+.005	0	+.010	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
91	60	0	0	0	24	SW	1236					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 0520 SUNSET 1805

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: 1064 3P/1700P/

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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 SEP 8 1987

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)	OBS. METEOROLOGIST (15)
SA	0050	250 - SCT	20			123	65	22	00	00		001	000 1001	CH
SA	0150	250 - SCT	20			125	62	22	00	00		001		CH
SA	0250	250 - SCT	20			125	61	22	00	00		001		CH
SA	0353	250 - OVC	20			127	62	22	00	00		002	303 1007 61	JP
													RADAT 45133	
SA	0455	250 - OVC	20			134	60	22	10	03		003		JP
SA	0553	250 - BKN	20			142	61	22	00	00		005		JP
SA	0656	250 - SCT	20			145	69	24	10	05		006	214 1008	JP
SA	0757	CLR	20			138	76	25	00	00		005	FEW CS SE	JP
SA	0852	CLR	20			141	83	25	27	03		006		JP
SA	0955	CLR	20			140	88	27	22	07		006	500 58	JP
SA	1054	CLR	20			134	89	27	21	08		004		JP
SA	1153	CLR	20			133	90	29	21	13		004		JP
SA	1253	CLR	20			129	92	30	22	10		003	710	JP
SA	1358	CLR	20			124	92	30	24	07		001		JP
SA	1450	CLR	20			115	92	30	31	06		999		JP
SA	1550	CLR	20			111	92	29	22	15		997	717 93 RADAT 20138	CH
SA	1650	CLR	20			116	90	25	23	12		999		CH
SA	1750	CLR	20			120	86	23	23	10		999		CH
SA	1850	CLR	20			122	81	20	23	04		999	103	CH
SA	1950	CLR	20			130	79	18	07	04		002		CH
SA	2050	CLR	20			132	75	18	10	05		003		CH
SA	2150	CLR	20			129	77	18	12	06		003	114 93	CH
SA	2250	CLR	20			130	69	16	03	04		003		CH
SA	2350	CLR	20			134	67	16	00	00		004		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 $i_R i_x$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 (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: SEP 8 1987

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			19	3	3	CI	250												0	0	.000			00-01
01 50	26.600			21	3															0					01-02
02 50	26.600			22	3															0					02-03
03 53	26.610			21	10	10	CS	250												2	3	.010			03-04
04 55	26.620			23	10															2					04-05
05 53	26.640			22	8															1					05-06
06 56	26.650			18	1	1	CS	250												0	2	.040			06-07
07 57	26.640			15	0															0					07-08
08 52	26.650			12	0															0					08-09
09 55	26.650			11	0															0	5	.000			09-10
10 54	26.630			11	0															0					10-11
11 53	26.630			11	0															0					11-12
12 53	26.620			11	0															0	7	.030			12-13
13 58	26.600			11	0															0					13-14
14 50	26.580			11	0															0					14-15
15 50	26.570			11	0															0	7	.050			15-16
16 50	26.580			10	0															0					16-17
17 50	26.580			10	0															0					17-18
18 50	26.580			10	0															0	1	.010			18-19
19 50	26.610			10	0															0					19-20
20 50	26.620			12	0															0					20-21
21 50	26.620			11	0															0	1	.040			21-22
22 50	26.620			13	0															0					22-23
23 50	26.630			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 0357	X	0	0	X	66	61	X	X						X		
	0357	1	0	0	0	70	61		0								
	0953	2	0	0	0	88	58		0								
	1548	3	0	0	0	93	87		0								
	2148	4	0	0	0	92	75		0								
	MID.	X	0	0	0	77	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0313	0955	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.650	26.570	26.620
BAROGRAPH 64	26.610	26.660	26.570	26.620
BAR. CORR. 65	0	-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
93	58	0	0	0	22	SW	1537					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 0521 SUNSET 1803

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: 1063P/2130P/

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 9 1987

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			134	64	16	00	00		004	103	CH
SA	0150	CLR	20			134	63	16	06	04		004		CH
SA	0250	CLR	20			137	64	17	09	04		005		CH
SA	0350	250 - SCT	20			138	63	17	09	06		005	103 1001 62 RADAT 28136	AD
SA	0450	250 - SCT	20			143	61	17	10	06		006		AD
SA	0550	250 - BKN	20			154	61	18	11	05		008		AD
SA	0650	E250 BKN	20			161	66	19	00	00		011	217 1002	AD
SA	0750	E250 BKN	20			164	71	19	09	04		012		AD
SA	0850	E250 BKN	20			161	81	21	28	06		012		AD
SA	0950	E250 BKN	20			156	86	25	30	09		012	103 1002 58	AD
SA	1050	250 SCT	20			152	88	27	24	06		009		AD
SA	1150	250 SCT	20			145	90	28	29	05		007		AD
SA	1250	250 - SCT	20			136	93	31	26	06		005	720 1001	AD
SA	1350	250 - SCT	20			133	94	31	22	14		004		AD
SA	1450	250 - SCT	20			126	94	31	21	12		002		AD
SA	1550	250 - SCT	20			123	93	32	25	12		001	714 1001 95 RADAT 22141	CH
SA	1650	250 - SCT	20			120	91	30	25	06		000		CH
SA	1750	250 - SCT	20			120	90	28	21	10		000		CH
SA	1850	250 - SCT	20			120	86	26	19	06		000	603 1001	CH
SA	1950	250 - SCT	20			123	82	24	09	04		001		CH
SA	2050	250 - SCT	20			121	77	22	06	04		001		CH
SA	2150	250 - SCT	20			122	78	22	00	00		002	207 1001 95	CH
SA	2250	250 - SCT	20			122	75	23	04	06		002		CH
SA	2350	CLR	20			119	81	28	23	10		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 $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: SEP 9 1987

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	26.630			15	0															0	1	.010			00-01
01 50	26.630			16	0															0					01-02
02 50	26.640			16	0															0					02-03
03 50	26.640			17	3	3	CI	250												0	1	.010			03-04
04 50	26.650			18	4															0					04-05
05 50	26.670			19	6															1					05-06
06 50	26.690			16	9	9	CI	E250												8	2	.050			06-07
07 50	26.700			14	8															7					07-08
08 50	26.700			11	7															6					08-09
09 50	26.700			11	7	7	CI	E250												6	1	.010			09-10
10 50	26.680			11	4															3					10-11
11 50	26.660			11	3															2					11-12
12 50	26.640			11	1	1	CI	250												0	7	.060			12-13
13 50	26.630			11	1															0					13-14
14 50	26.610			11	3															1					14-15
15 50	26.600			12	3	3	CI	250												1	7	.040			15-16
16 50	26.590			11	4															1					16-17
17 50	26.590			11	3															1					17-18
18 50	26.590			11	4	4	CI	250												1	6	.010			18-19
19 50	26.600			12	4															1					19-20
20 50	26.600			13	4															1					20-21
21 50	26.610			12	2	2	CI	250												0	2	.020			21-22
22 50	26.610			14	2															0					22-23
23 50	26.610			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 0350		0	0		68	62										
	0350	1	0	0	0	77	62		0								
	0950	2	0	0	0	86	58		0								
	1548	3	0	0	0	95	84		0								
	2148	4	0	0	0	94	76		0								
	MID.		0	0	0	82	75										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.700	26.600	26.610
BAROGRAPH 64	26.650	26.700	26.600	26.610
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	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	58	0	0	0	20	SW	1403					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0521 SUNSET 1802

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: 0500L / 1900L /

MICRO BAROGRAPH CHANGED AT 1000 PST.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 10 1987

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	CLR	20			116	76	28	05	06		001	803	CH
SA	0150	CLR	20			117	74	28	00	00		001		CH
SA	0250	CLR	20			119	70	27	04	07		001		CH
SA	0350	CLR	20			115	70	27	05	12		000	803 69 RADAT 25137	AD
SA	0450	CLR	20			121	66	25	00	00		001		AD
SA	0550	CLR	20			130	66	24	00	00		003		AD
SA	0650	CLR	20			135	68	25	00	00		004	214	AD
SA	0750	CLR	20			133	77	27	00	00		004		AD
SA	0850	CLR	20			131	82	28	27	05		004		AD
SA	0950	CLR	20			130	86	29	24	04		004	400 63	AD
SA	1050	CLR	20			126	87	28	30	04		003		AD
SA	1150	CLR	20			112	88	28	24	07		000		AD
SA	1250	250 SCT	20			106	90	29	16	04		997	720 1002	AD
SA	1350	250 SCT	20			098	91	28	20	09		995		AD
SA	1450	250 SCT	20			092	92	28	22	05		993		AD
SA	1550	CLR	20			090	91	27	22	11		992	617 1002 92 RADAT 20142	MR
SA	1650	CLR	20			084	89	25	23	07		990		MR
SA	1752	CLR	20			084	86	23	25	07		989		MR
SA	1853	CLR	20			087	77	16	33	05		989	608 1001	MR
SA	1954	CLR	20			092	72	14	35	05		991		MR
SA	2051	CLR	20			089	72	15	03	09		991		MR
SA	2153	CLR	20			085	71	15	04	08		991	003 92	MR
SA	2255	CLR	20			086	69	14	15	04		991		MR
SA	2355	CLR	20			086	67	15	04	06		991		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$_2$ 8N$_h$C$_L$C$_M$C$_H$ 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 10 1987

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			17	0															0	8	.010			00-01
01 50	26.600			18	0															0					01-02
02 50	26.600			20	0															0					02-03
03 50	26.590			20	0															0	8	.010			03-04
04 50	26.600			21	0															0					04-05
05 50	26.620			20	0															0					05-06
06 50	26.630			20	0															0	2	.010			06-07
07 50	26.630			16	0															0					07-08
08 50	26.630			14	0															0					08-09
09 50	26.630			13	0															0	4	.000			09-10
10 50	26.620			12	0															0					10-11
11 50	26.590			11	0															0					11-12
12 50	26.570			11	1	1	C1	250												1	7	.060			12-13
13 50	26.560			10	1															1					13-14
14 50	26.530			10	1															1					14-15
15 55	26.520			10	0	0	C1	250												0	6	.050			15-16
16 50	26.500			10	0															0					16-17
17 52	26.495			10	0															0					17-18
18 53	26.495			10	0	0	C1	250												0	6	.025			18-19
19 54	26.510			11	0															0					19-20
20 51	26.510			11	0															0					20-21
21 53	26.505			11	0															0	0	.010			21-22
22 55	26.505			12	0															0					22-23
23 55	26.505			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 0350		0	0		81	69										
	0350	1	0	0	0	82	69		0								
	0950	2	0	0	0	86	63		0								
	1552	3	0	0	0	92	85		0								
	2149	4	0	0	0	91	70		0								
	MID.		0	0	0	72	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.630	26.520	26.505
BAROGRAPH 64	26.600	26.640	26.530	26.515
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	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	63	0	0	0	18	SW	1408					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 0522 SUNSET 1800

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: 0500 / 0600 / 1657P /

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—634-383

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: SEP 11 1987

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			084	67	16	00	00		990	802	MR
SA	0155	CLR	20			082	64	15	01	04		989		MR
SA	0254	CLR	20			080	63	15	11	04		988		MR
SA	0350	CLR	20			081	61	15	12	07		988	603 58 RADAT 20139	AD
SA	0450	CLR	20			085	60	18	05	04		988		AD
SA	0550	CLR	20			084	59	17	11	06		990	~~307~~	AD
SA	0650	CLR	20			084	66	17	15	04		991	307	AD
SA	0750	CLR	20			084	73	18	25	04		991		AD
SA	0850	CLR	20			085	79	21	22	06		990		AD
SA	0950	CLR	20			081	84	26	26	07		988	807 58	AD
SA	1050	CLR	20			074	84	26	21	14		986		AD
SA	1150	CLR	20			068	88	27	22	10		985		AD
SA	1250	CLR	20			065	90	28	21	14		984	714	AD
SA	1350	CLR	20			059	90	28	24	13		982		AD
SA	1450	CLR	20			050	90	27	27	11		980		AD
SA	1557	CLR	20			048	91	28	26	10		979	617 1001 92 RADAT 20137	MR
SA	1653	CLR	20			046	89	26	25	10		977		MR
SA	1752	250 -BKN	20			042	86	23	25	07		976		MR
SA	1853	250 -BKN	20			043	81	20	24	06		976	507 1001	MR
SA	1956	250 -SCT	20			048	78	20	34	04		979		MR
SA	2053	250 -SCT	20			042	76	20	01	03		977		MR
SA	2154	250 SCT	20			040	77	22	10	03		977	003 1002 92	MR
SA	2258	180 SCT 250 SCT	20			042	76	22	30	06		978		MR
SA	2356	250 SCT	20			042	69	21	05	09		977		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 1-10A (1-62) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 11 1987

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	26.500			14	0															0	8	.005			00-01
01 55	26.495			15	0															0					01-02
02 54	26.490			15	0															0					02-03
03 50	26.490			16	0															0	6	.010			03-04
04 50	26.490			19	0															0					04-05
05 50	26.500			19	0															0					05-06
06 50	26.510			15	0															0	3	.020			06-07
07 50	26.510			12	0															0					07-08
08 50	26.500			11	0															0					08-09
09 50	26.490			12	0															0	8	.020			09-10
10 50	26.470			12	0															0					10-11
11 50	26.460			11	0															0					11-12
12 50	26.450			11	0															0	7	.040			12-13
13 50	26.430			11	0															0					13-14
14 50	26.410			10	0															0					14-15
15 57	26.400			10	0	0	Cl	250												0	6	.050			15-16
16 53	26.390			10	0															0					16-17
17 52	26.375			10	7															2					17-18
18 53	26.380			10	7	7	Cl	250												2	5	.020			18-19
19 56	26.400			11	1															0					19-20
20 55	26.390			12	1															0					20-21
21 54	26.390			13	1	1	Cl	250												1	0	.010			21-22
22 58	26.395			13	2															2					22-23
23 56	26.390			16	2															2					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		0	0		68	58										
	0350	1	0	0	0	72	58		0								
	0950	2	0	0	0	84	58		0								
	1554	3	0	0	0	92	83		0								
	2151	4	0	0	0	91	74		0								
	MID.		0	0	0	81	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1556	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.490	26.400	26.390
BAROGRAPH 64	26.500	26.500	26.410	26.400
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 UNM. 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
92	58	0	0	0	17	W	1707*					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 0523 SUNSET 1759

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: 1062AP / 1605P /

0650 / 6550

* LAST OF SEVERAL OCCURENCES

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 12 1987

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			041	68	21	05	08		977	000 1002	MR
SA	0150	E170 BKN 250 BKN	20			037	69	22	05	06		976		MR
SA	0250	E160 BKN	20			030	73	25	33	06		975		MR
SA	0350	160 SCT	20			035	67	23	07	04		975	607 1070 66 RAOAT 25129	AD
SA	0450	160 SCT	20			043	65	23	00	00		977		AD
SA	0550	160 SCT 250 SCT	20			056	60	25	03	06		980		AD
SA	0650	250 - BKN	20			058	68	26	00	00		981	217 1001	AD
SA	0750	250 - BKN	20			060	73	31	24	08		982		AD
SA	0850	250 - BKN	20			059	77	31	27	08		982		AD
SA	0950	E250 BKN	20			061	78	31	25	06		983	207 1002 59	AD
SA	1050	E250 BKN	20			054	81	30	25	10		981		AD
SA	1150	E250 OVC	20			044	83	24	24	18G26		977		AD
SA	1250	E250 OVC	20			036	84	24	24	22G31		975	724 1002	AD
SA	1350	E250 OVC	20			035	86	24	22	20		975		AD
SA	1450	E250 OVC	20			028	83	22	22	23		973		AD
SA	1552	E220 OVC	20			031	82	22	23	18G27		974	303 1002 86 RADAT 23128	MR
SA	1652	E220 OVC	20			030	81	21	23	19G26		973		MR
SA	1752	E220 OVC	20			040	78	23	24	15G20		974		MR
SA	1852	E220 OVC	20			039	76	24	23	13		975	302 1002	MR
SA	1955	E220 OVC	20			045	73	22	03	06		977		MR
SA	2054	E220 OVC	20			049	65	20	04	08		977		MR
SA	2159	E220 OVC	20			050	66	22	35	03		978	110 1002 86	MR
SA	2255	E220 BKN	20			049	65	21	08	05		978		MR
SA	2356	220 - OVC	20			047	64	21	10	06		977		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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 12 1987

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	HET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 58	26.390			17	2	2	CI	250																	00-01
01 50	26.380			17	8															2	0	.000			01-02
02 52	26.370			17	7															7					02-03
03 50	26.370			19	5	5	AC	160												6					03-04
04 50	26.390			20	4															5	6	.020			04-05
05 50	26.410			26	4															3					05-06
06 50	26.420			20	7	7	CI	250												3					06-07
07 50	26.430			21	7															2	2	.050			07-08
08 50	26.430			19	7															3					08-09
09 50	26.440			18	9	9	CI	E250												3					09-10
10 50	26.420			16	9															7	2	.020			10-11
11 50	26.390			11	10															5					11-12
12 50	26.370			11	10	10	CI	E250												8					12-13
13 50	26.370			10	10															9	7	.070			13-14
14 50	26.350			10	10															7					14-15
15 52	26.360			11	10	10	CI	E220												8					15-16
16 52	26.345			11	10															8	5	-.010			16-17
17 57	26.360			13	10															9					17-18
18 52	26.365			14	10	10	CI	E220												8					18-19
19 55	26.385			15	10															8	3	.005			19-20
20 54	26.390			18	10															8					20-21
21 59	26.395			19	10	10	CI	E220												8					21-22
22 55	26.395			19	8															8	1	.030			22-23
23 56	26.390			20	10															5					23-24
																				4					

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	73	66	X	X						X		
	0350	1	0	0	0	81	66		0								
	0950	2	0	0	0	79	59		0								
	1549	3	0	0	0	86	77		0								
	2155	4	0	0	0	82	65		0								
	MID.	X	0	0	0	67	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.370	26.440	26.360	26.395
BAROGRAPH 64	26.380	26.440	26.370	26.400
BAR. CORR. 65	-.010	+/-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	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
86	59	0	0	0	34	SW	1431					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0524 SUNSET 1757

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: 1061OP / 2211P /

1552/1551

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 13 1987

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 (Ines.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERIES INITIALS (15)
SA	0052	250 -OVC	20			045	61	21	12	06		977	803 1051	LR
SA	0152	250 -SCT	20			044	59	20	10	02		976		LR
SA	0253	250 -SCT	20			049	57	21	07	09		977		LR
SA	0354	CLR	20			053	57	20	09	03		979	305 1051 56 PRADAT 44114	LR
SA	0455	70 SCT 140 SCT 250 SCT	20			062	57	21	00	00		981	TCU NE-SE	LR
SA	0555	E70 BKN 140 BKN 250 BKN	20			072	57	23	00	00		983	CB N AND SE MOVG NW	LR
SA	0653	70 SCT 140 ~~BKN~~ SCT E250 BKN	20			084	58	32	32	07		986	CB RWU N / 224 1952	LR
SA	0754	E70 BKN 130 BKN 250 BKN	20			091	62	33	19	04		988	TCU ALQDS RWU NW	LR
SA	0858	E70 BKN 130 BKN 250 OVC	20			105	64	41	22	04		992	TCU ALQDS RWU S	LR
SA	0952	70 SCT 130 SCT E250 OVC	20			107	68	42	22	09		993	CBMAM RWU S / 120	LR
—	—												1952 54	—
SA	1058	70 SCT 250 - BKN	20			100	76	37	08	09		992		LR
SA	1152	90 SCT E150 BKN 250 BKN	20			097	75	36	12	13	G20	991		LR
SA	1250	90 SCT E 140 OVC	20			098	75	36	07	08		991	BINOVC / 607 1161	LR
SA	1350	90 SCT E 140 BKN	20			099	76	36	08	05		991		LR
SA	1452	90 SCT E 140 BKN 250 OVC	20			096	76	35	08	04		990	BINOVC	LR
SA	1554	90 SCT 140 SCT	20			095	77	36	13	07		990	603 1170 78 RADAT 65114	LR
SA	1656	90 SCT 140 SCT	20			100	75	36	12	09		991		LR
SA	1754	90 SCT 140 SCT	20			105	73	36	13	08		992		LR
SA	1853	90 SCT 140 SCT	20			111	68	35	13	07		993	210 1170	LR
SA	1959	CLR	20			120	67	35	20	02		996		LR
SA	2058	250-SCT	20			120	66	34	05	05		996		LR
SA	2159	140 SCT E250 BKN	20			123	66	35	30	05		997	114 1078 78	LR
SA	2253	90 SCT 140 SCT	20			128	64	35	03	10		000		LR
SA	2359	90 SCT 140 SCT	20			120	64	37	11	06		997		LR

A synoptic observation using NAO 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 13 1987

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	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	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	26.385			21	10	0	Ac	160	10	Ci	250	10								4	8	.010				00-01
01 52	26.380			22	1															0						01-02
02 57	26.385			24	1															0						02-03
03 54	26.400			23	0	0	Ac	140	0	Ci	250	0								0	3	.015				03-04
04 55	26.420			24	5															5						04-05
05 55	26.440			27	*7															7						05-06
06 53	26.470			37	7	3	CB	70	2	Ac	140	5	3	Ci	E250	7				7	2	.070				06-07
07 54	26.490			34	9															9						07-08
08 58	26.520			43	10															9						08-09
09 52	26.530			39	10	3	CB	70	1	Ac	130	4	7	Ci	E250	10				9	1	.060				09-10
10 58	26.520			24	8															3						10-11
11 52	26.510			24	9															8						11-12
12 50	26.510			24	10	1	Cu	90	9	Ac	E140	10								9	6	.020				12-13
13 50	26.510			24	9															9						13-14
14 52	26.500			23	10															9						14-15
15 54	26.500			23	5	1	Cu	90	4	Ac	140	5								5	6	.010				15-16
16 58	26.510			24	5															5						16-17
17 54	26.520			26	*3															3						17-18
18 53	26.530			30	2	1	Cu	90	1	Ac	140	2								2	2	.030				18-19
19 59	26.530			31	0															0						19-20
20 58	26.560			30	5															2						20-21
21 59	26.570			32	7	3	Ac	140	4	Cs	E250	7								6	1	.040				21-22
22 53	26.590			34	3															3						22-23
23 59	26.570			37	3															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 0350	X	0	0	X	64	56	X	X						X		
	0350	1	0	0	0	67	56		0								
	0948	2	0	0	0	68	54		0								
	1551	3	0	0	0	78	67		0								
	2156	4	0	0	0	77	65		0								
	MID.	X	0	0	0	67	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1554	2159
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.530	26.590	26.570
BAROGRAPH 64	26.400	26.530	26.590	26.570
BAR. CORR. 65	0	*0	-.010	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	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	54	0	0	0	25	SE	1118					8	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 0525 SUNSET 1756

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 0605P/2025P/

* BAROGRAPH CHANGED - RESET TO 0 CORR.

0653/0653

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 14 1987

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. REPORT INITIALS (15)
SA	0058	140 SCT	20			119	66	37	07	03		997	000 1070	CG
SA	0153	140 SCT	20			123	64	36	07	07		999		CG
SA	0250	140 SCT	20			124	61	35	36	07		999		CG
SA	0355	CLR	20			127	62	37	04	07		000	307 1070 CI RADAT 50126	EP
SA	0450	CLR	20			135	62	38	00	00		002		EP
SA	0550	CLR	20			148	56	37	11	06		004		EP
SA	0652	CLR	20			150	64	38	34	03		005	117 1070	EP
SA	0754	CLR	20			147	70	41	30	03		005		EP
SA	0853	CLR	20			155	73	40	27	04		007		EP
SA	0952	CLR	20			150	74	42	19	10		006	003 56 RADAT 42132	EP
SA	1051	CLR	20			146	77	42	26	11		005		EP
SA	1150	CLR	20			140	80	40	25	10		004		EP
SA	1252	CLR	20			135	82	38	25	09		003	710	EP
SA	1357	CLR	20			126	84	38	20	13		001	TCU DSNT N	EP
SA	1451	CLR	20			124	85	38	25	13		000	CU DSNT N	EP
SA	1553	CLR	20			119	85	38	24	13		999	714 1100 86 RADAT 35135	CG
SA	1657	CLR	20			116	83	37	23	12		997		CG
SA	1751	CLR	20			124	81	36	21	13		999		CG
SA	1853	CLR	20			126	78	36	21	11		000	303	CG
SA	1953	CLR	20			132	74	35	35	04		002		CG
SA	2050	CLR	20			132	70	35	02	07		002		CG
SA	2150	CLR	20			133	68	34	04	04		002	107 86	CG
SA	2255	CLR	20			132	69	35	01	07		002		CG
SA	2351	CLR	20			131	67	35	04	09		002		CG

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:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 14 1987

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	HRS.
00 58	26.570			34	5	5	Ac	140												5	0	.000			00-01
01 55	26.580			35	5															5					01-02
02 50	26.580			38	3															3					02-03
03 55	26.590			39	0	0	Ac	120												0	3	.020			03-04
04 50	26.610			41	0															0					04-05
05 50	26.630			49	0															0					05-06
06 52	26.640			38	0	0	Ac	130												0	1	.050			06-07
07 54	26.640			35	0															0					07-08
08 53	26.660			30	0															0					08-09
09 52	26.650			32	0															0	0	.010			09-10
10 51	26.640			29	0															0					10-11
11 50	26.630			24	0															0					11-12
12 52	26.620			21	0															0	7	.030			12-13
13 57	26.600			20	0															0					13-14
14 51	26.590			18	0															0					14-15
15 53	26.580			19	0	0	Cu	80												0	7	.040			15-16
16 57	26.570			19	0															0					16-17
17 51	26.580			20	0															0					17-18
18 53	26.580			22	0															0	3	.010			18-19
19 53	26.610			24	0															0					19-20
20 50	26.610			28	0															0					20-21
21 50	26.610			28	0															0	1	.020			21-22
22 53	26.610			29	0															0					22-23
23 51	26.610			31	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		66	61										
	0348	1	0	0	0	67	61		0								
	0948	2	0	0	0	74	56		0								
	1551	3	0	0	0	86	74		0								
	2148	4	0	0	0	85	68		0								
	MID.		0	0	0	70	56										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.650	26.580	26.610
BAROGRAPH 64	26.590	26.670	26.590	26.620
BAR. CORR. 65	0	-.020	-.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 UNREL. TO (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
86	56	0	0	0	21	SW	1430					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0525 SUNSET 1754

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: 1085SP/1910PI

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 15 1987

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 INITIALS (15)
SA	0051	CLR	20			131	65	35	09	04		002	400	CG
SA	0157	CLR	20			121	61	35	01	03		002		CG
SA	0250	CLR	20			135	60	35	07	04		003		CG
SA	0351	CLR	20			138	60	36	00	00		004	307 58 RADAT 53135	CG
SA	0450	CLR	20			146	57	35	03	03		005		CG
SA	0550	CLR	20			150	57	35	35	05		006	FEW AC	CG
SA	0653	CLR	20			152	65	36	34	03		007	210 1050	CG
SA	0753	CLR	20			150	73	38	00	00		007	FEW AC	CG
SA	0850	CLR	20			150	77	38	27	05		007		CG
SA	0950	CLR	20			145	81	38	29	04		006	803 57	CG
SA	1053	CLR	20			136	83	37	30	08		004		CG
SA	1151	CLR	20			124	86	36	25	15		001		CG
SA	1253	CLR	20			112	89	29	21	17	G29	997	727	CG
SA	1352	CLR	20			107	89	27	20	13	G25	995		CG
SA	1456	CLR	20			100	88	28	23	17	G25	993	CI NW	CG
SA	1553	CLR	20			096	88	28	21	12	G22	992	617 1001 89 RAAAT 24143	CG
SA	1655	CLR	20			099	85	27	22	11	G20	992		CG
SA	1758	CLR	20			096	83	28	19	12		991		CG
SA	1853	CLR	20			091	79	28	15	07		990	807 1001	CG
SA	1958	CLR	20			088	81	23	21	15		991		CG
SA	2056	CLR	20			092	78	19	18	09		992		CG
SA	2156	CLR	20			088	74	20	12	06		991	003 1001 89	CG
SA	2257	CLR	20			083	77	27	22	10	G19	990		CG
SA	2350	CLR	20			082	76	31	19	07		990		CG

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:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 15 1987

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	26.610			33	0															0	4	.000			00-01
01 57	26.610			38	0															0					01-02
02 50	26.620			39	0															0					02-03
03 51	26.630			41	0															0	3	.020			03-04
04 50	26.640			44	0															0					04-05
05 50	26.650			44	0															0					05-06
06 53	26.660			34	0	0	AC	130												0	2	.030			06-07
07 53	26.660			28	0															0					07-08
08 50	26.660			25	0															0					08-09
09 50	26.650			22	0															0	8	.010			09-10
10 53	26.630			19	0															0					10-11
11 51	26.600			17	0															0					11-12
12 53	26.570			12	0															0	7	.080			12-13
13 52	26.550			11	0															0					13-14
14 56	26.530			12	0															0					14-15
15 53	26.520			12	0	0	CI	250												0	6	.050			15-16
16 55	26.520			12	0															0					16-17
17 58	26.510			14	0															0					17-18
18 53	26.500			15	0	0	CI	250												0	8	.020			18-19
19 58	26.510			12	0															0					19-20
20 56	26.520			11	0															0					20-21
21 56	26.510			13	0	0	CI	250												0	0	.010			21-22
22 57	26.500			16	0															0					22-23
23 50	26.500			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 0348	X	0	0	X	67	58	X	X						X		
	0348	1	0	0	0	70	58		0								
	0946	2	0	0	0	81	57		0								
	1549	3	0	0	0	89	80		0								
	2154	4	0	0	0	88	73		0								
	MID.	X	0	0	0	77	71	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	26.630	26.660	26.520	26.510
BAROGRAPH 64	26.640	26.660	26.530	26.520
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 UNOFFICIAL TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Mph.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TYPE 75	FROZEN GROUND LAYER (Ins.) DEPTH 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
89	57	0	0	0	29	30	1248					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0526 SUNSET 1753

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: 1053ZP/1825ZP

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

STATION WOMO, DESERT ROCK, NV

DATE SEP 16 1987

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	0053	250 - SCT	20			073	75	30	21	07		987	810 1008	CG
SA	0152	250 - BKN	20			078	71	32	05	07		988		CG
SA	0250	250 - BKN	20			078	71	32	36	06		988		CG
SA	0355	250 - OVC	20			086	68	31	00	00		991	208 1007 66 RADAT	JS
													46134	
SA	0450	250 - OVC	20			098	63	30	04	08		993		JS
SA	0550	250 - OVC	20			104	63	30	03	07		994		JS
SA	0653	250 - OVC	20			111	68	33	23	04		996	219 1007	JS
SA	0751	250 - OVC	20			109	74	35	23	04		997		JS
SA	0850	250 - BKN	20			112	76	36	23	05		997		JS
SA	0950	250 - OVC	20			108	79	36	24	04		996	000 1007 63	JS
SA	1050	E250 OVC	20			102	80	35	23	11		995		JS
SA	1150	E250 OVC	20			096	82	35	22	11		994		JS
SA	1251	250 - BKN	20			090	83	34	23	09		992	215 1008	JS
SA	1351	250 - BKN	20			086	84	34	23	12		991		JS
SA	1450	250 - SCT	20			079	85	34	19	07		988		JS
SA	1558	250 - SCT	20			077	86	32	21	09		987	712 1008 86	CG
SA	1652	CLR	20			078	83	31	24	09		986	RADAT 47131	CG
SA	1753	CLR	20			079	80	29	25	05		986		CG
SA	1853	CLR	20			083	75	28	08	03		987	500 1008	CG
SA	1957	CLR	20			089	72	27	02	04		990		CG
SA	2052	CLR	20			094	68	28	02	09		991		CG
SA	2152	CLR	20			094	67	28	05	07		991	110 86	CG
SA	2257	CLR	20			098	66	28	10	04		992		CG
SA	2355	CLR	20			096	67	29	36	04		992		CG

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 $1s_n$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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 16 1987

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			19	2	2	Cs	250																	00-01
01 52	26.490			24	6															0	8	-.030			01-02
02 50	26.490			24	7															1					02-03
03 55	26.505			25	10	10	CS	250												1					03-04
04 50	26.525			28	10															4	2	.025			04-05
05 50	26.540			28	10															4					05-06
06 53	26.560			27	10	10	CS	250												4					06-07
07 51	26.565			24	10															4	2	.055			07-08
08 50	26.570			23	8															3					08-09
09 50	26.560			21	10	10	CS	250												3					09-10
10 50	26.550			20	10															2	0	.000			10-11
11 50	26.535			19	10															7					11-12
12 51	26.515			17	8	8	CS	250												7					12-13
13 51	26.505			16	7															2	8	.045			13-14
14 50	26.485			16	5															2					14-15
15 58	26.480			14	1	1	Cs	250												2					15-16
16 52	26.470			15	0															0	7	.035			16-17
17 53	26.470			16	0															0					17-18
18 55	26.480			18	0	0	Cs	250												0					18-19
19 57	26.500			19	0															0	5	.000			19-20
20 52	26.510			[illegible]	[illegible]															0					20-21
21 52	26.570			23	0															0					21-22
22 57	26.520			24	0															0	1	.030			22-23
23 55	26.520			24	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 0352	X	0	0	X	76	66	X	X						X		
	0852	1	0	0	0	77	66		0								
	0948	2	0	0	0	80	63		0								
	1556	3	0	0	0	86	78		0								
	2150	4	0	0	0	86	67		0								
	MID.	X	0	0	0	67	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0950	1558	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.505	26.560	26.480	26.510
BAROGRAPH 64	26.520	26.570	26.490	26.520
BAR. CORR. 65	-.015	-.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	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
86	63	0	0	0	16	SW	1402					7	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0527 SUNSET 1751

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 / 1905P

* LAST OF SEVERAL OCCURENCES

1251 / APP 815 / 0800 9-17

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 17 1987

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			103	61	27	20	03		993	307	CG
SA	0150	CLR	20			104	63	28	10	05		994		CG
SA	0251	CLR	20			106	59	27	04	04		994		CG
SA	0351	CLR	20			108	60	27	08	04		995	207 58 RADAT 44125	JS
SA	0452	CLR	20			113	64	24	08	06		997		JS
SA	0550	CLR	20			121	66	21	03	10		000		JS
SA	0653	CLR	20			129	71	22	04	15		002	219	JS
SA	0752	CLR	20			133	72	22	04	16		002		JS
SA	0855	CLR	20			134	76	24	04	13		002		JS
SA	0952	CLR	20			130	80	25	36	11		002	102 58	JS
SA	1052	CLR	20			126	83	27	00	00		001		JS
SA	1150	CLR	20			120	86	28	29	05		000		JS
SA	1251	CLR	20			118	87	29	16	11		999	710 1100	JS
SA	1350	CLR	20			109	88	30	28	05		996	CU N-E-SE	JS
SA	1450	CLR	20			107	89	29	04	07		995	CU N-E-S	JS
SA	1552	CLR	20			104	88	28	29	04		994	714 1100 90 RADAT 43129	HS
SA	1650	CLR	20			101	87	24	15	08		994	CU SE	HS
SA	1750	CLR	20			110	83	24	20	03		996		HS
SA	1853	CLR	20			114	79	25	29	06		997	310	HS
SA	1950	CLR	20			121	72	24	09	03		999		HS
SA	2050	CLR	20			124	69	24	09	05		000		HS
SA	2150	CLR	20			127	66	24	06	03		001	210 90	HS
SA	2250	CLR	20			127	65	24	05	08		001		HS
SA	2352	CLR	20			126	63	24	35	05		001		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 1-10 A (1-62) WHICH MAY BE USED.

☆ U.S.GPO 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 17 1987

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			27	0															0	3	-.020			00-01
01 50	26.540			27	0															0					01-02
02 51	26.540			29	0															0					02-03
03 51	26.550			28	0															0	2	.020			03-04
04 52	26.565			22	0															0					04-05
05 50	26.585			18	0															0					05-06
06 53	26.605			16	0															0	2	.055			06-07
07 52	26.610			15	0															0					07-08
08 55	26.610			15	0															0					08-09
09 52	26.610			13	0															0	1	.005			09-10
10 52	26.600			13	0															0					10-11
11 50	26.590			12	0															0					11-12
12 51	26.580			12	0	0	Cu	80												0	7	.030			12-13
13 50	26.560			12	0															0					13-14
14 50	26.550			12	0															0					14-15
15 52	26.540			11	0	0	Cu	80												0	7	.040			15-16
16 50	26.540			10	0															0					16-17
17 50	26.560			11	0															0					17-18
18 53	26.570			14	0															0	3	.030			18-19
19 50	26.580			16	0															0					19-20
20 50	26.590			18	0															0					20-21
21 50	26.600			20	0															0	2	.030			21-22
22 50	26.600			21	0															0					22-23
23 52	26.600			22	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	67	58	X	X						X		
	0350	1	0	0	0	67	58		0								
	0948	2	0	0	0	80	59		0								
	1550	3	0	0	0	90	80		0								
	2148	4	0	0	0	89	66		0								
	MID.	X	0	0	0	67	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.610	26.540	26.600
BAROGRAPH 64	26.560	26.630	26.540	26.595
BAR. CORR. 65	-.010	-.020	±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
90	58	0	0	0	22	NE	0703					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 0528 SUNSET 1750

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: / / /

0051 / 0051

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV

DATE: SEP 18 1987

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=N) (9)	WIND SPEED (Knots) (10)	CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			125	63	24	01	03		001	400	HS
SA	0150	CLR	20			127	60	24	06	07		001		HS
SA	0250	CLR	20			129	61	24	00	00		002		HS
SA	0350	CLR	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	HS
SA	0451	CLR	20			138	58	23	11	07		004		JS
SA	0552	CLR	20			149	56	23	02	07		006		JS
SA	0652	CLR	20			155	64	24	00	00		008	317	JS
SA	0750	CLR	20			160	71	25	29	03		009		JS
SA	0852	CLR	20			156	80	25	00	00		009		JS
SA	0952	CLR	20			155	85	27	32	04		009	103 55	JS
SA	1052	CLR	20			146	86	28	21	06		007		JS
SA	1150	CLR	20			144	88	28	23	10		006		JS
SA	1252	CLR	20			136	89	28	24	11		004	717	JS
SA	1350	CLR	20			131	90	30	23	04		003		JS
SA	1450	CLR	20			128	90	30	27	10		002		JS
SA	1552	CLR	20			120	88	28	27	06		999	817 91 RADAT 38131	HS
SA	1650	CLR	20			120	87	27	23	08		999		HS
SA	1751	CLR	20			123	82	26	23	07		999		HS
SA	1852	CLR	20			124	73	22	04	05		999	400	HS
SA	1952	CLR	20			125	69	22	06	03		001		HS
SA	2050	CLR	20			127	67	22	06	05		001		HS
SA	2150	CLR	20			128	67	23	09	04		002	110 91	HS
SA	2250	CLR	20			131	65	23	10	03		003		HS
SA	2351	CLR	20			131	65	24	04	07		003		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$_1$W$_2$ $8N_hC_LC_MC_H$ 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 18 1987

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			23	0														0	4	.000			00-01
01	50	26.600			25	0														0					01-02
02	50	26.610			24	0														0					02-03
03	50	26.620			25	0														0	3	.020			03-04
04	51	26.630			26	0														0					04-05
05	50	26.645			28	0														0					05-06
06	52	26.670			22	0														0	3	.050			06-07
07	50	26.680			18	0														0					07-08
08	52	26.680			13	0														0					08-09
09	52	26.680			12	0														0	1	.010			09-10
10	52	26.660			12	0														0					10-11
11	50	26.650			12	0														0					11-12
12	52	26.630			11	0														0	7	.050			12-13
13	50	26.615			12	0														0					13-14
14	50	26.610			12	0														0					14-15
15	52	26.580			11	0														0	8	.050			15-16
16	50	26.580			11	0														0					16-17
17	51	26.580			13	0														0					17-18
18	52	26.580			15	0														0	4	.000			18-19
19	52	26.600			17	0														0					19-20
20	50	26.600			18	0														0					20-21
21	50	26.610			19	0														0	1	.030			21-22
22	50	26.620			20	0														0					22-23
23	51	26.620			21	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	65	58	X	X						X		
	0348	1	0	0	0	67	58		0								
	0950	2	0	0	0	85	55		0								
	1550	3	0	0	0	91	84		0								
	2148	4	0	0	0	89	66		0								
	MID.	X	0	0	0	67	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.680	26.580	26.610
BAROGRAPH 64	26.645	26.685	26.590	26.610
BAR. CORR. 65	+.005	-.005	-.010	±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
91	55	0	0	0	21	W	1608					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 0529 SUNSET 1748

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: 1054P / 1800 /

☆ U.S. Government Printing Office: 1986—654-383

WSMO DESERT ROCK NV

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [redacted], DESERT ROCK, NV

DATE: SEP 19 1987

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			132	63	24	13	03		003	103	HS
SA	0150	CLR	20			131	63	24	00	00		003		HS
SA	0250	CLR	20			132	62	24	13	04		003		HS
SA	0350	CLR	20			138	60	25	00	00		004	303 59 RADAT 34131	JS
SA	0452	CLR	20			142	59	23	11	07		005		JS
SA	0552	CLR	20			153	59	24	11	05		007		JS
SA	0650	CLR	20			159	64	24	00	00		008	214	JS
SA	0750	CLR	20			162	71	25	00	00		009		JS
SA	0850	CLR	20			162	79	27	00	00		511		JS
SA	0950	CLR	20			155	85	29	22	07		009	003 58	JS
SA	1050	CLR	20			150	87	31	21	10		008		JS
SA	1153	CLR	20			142	89	30	24	08		006		JS
SA	1251	CLR	20			136	90	30	21	08		005	715	JS
SA	1350	CLR	20			128	92	30	20	11		003		JS
SA	1450	CLR	20			123	92	30	25	10		001		JS
SA	1551	CLR	20			116	91	29	23	08		999	719 92 RADAT 25139	HS
SA	1650	CLR	20			119	89	27	24	08		999		HS
SA	1750	CLR	20			121	84	25	25	05		999		HS
SA	1850	CLR	20			131	74	20	01	04		001	307	HS
SA	1950	CLR	20			132	72	20	07	04		002		HS
SA	2050	CLR	20			134	70	20	06	05		003		HS
SA	2152	CLR	20			135	69	20	12	05		004	210 92	HS
SA	2250	CLR	20			138	68	22	25	03		005		HS
SA	2350	CLR	20			138	67	22	10	04		005		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 1-10 A (1-62) WHICH MAY BE USED.

☆ U.S. GPO: 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 19 1987

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 52	26.620			22	0															0	1	.010			00-01
01 50	26.620			22	0															0					01-02
02 50	26.620			23	0															0					02-03
03 50	26.630			26	0															0					03-04
04 52	26.640			25	0															0	3	.010			04-05
05 52	26.660			26	0															0					05-06
06 50	26.670			22	0															0					06-07
07 50	26.680			18	0															0	2	.040			07-08
08 50	26.680			15	0															0					08-09
09 50	26.680			13	0															0					09-10
10 50	26.665			13	0															0	0	.010			10-11
11 53	26.650			12	0															0					11-12
12 51	26.635			12	0															0					12-13
13 50	26.615			11	0															0	7	.045			13-14
14 50	26.600			11	0															0					14-15
15 51	26.580			11	0															0					15-16
16 50	26.580			11	0															0	7	.055			16-17
17 50	26.580			11	0															0					17-18
18 [illegible]	[illegible]			12	[illegible]															[illegible]					18-19
19 50	26.610			14	0															[illegible]	3	[illegible]			19-20
20 50	26.620			15	0															0					20-21
21 52	26.630			16	0															0					21-22
22 50	26.640			17	0															0	2	.030			22-23
23 50	26.640			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 0348		0	0		67	59										
	0348	1	0	0	0	67	59		0								
	0948	2	0	0	0	85	58		0								
	1549	3	0	0	0	92	85		0								
	2150	4	0	0	0	91	68		0								
	MID.		0	0	0	69	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2151
AFT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.680	26.580	26.630
BAROGRAPH 64	26.625	26.680	26.590	26.625
BAR. CORR. 65	+.005	+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	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Mph.) 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	58	0	0	0	19	SW	1115					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 0529 SUNSET 1747

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

FASTEST OBSERVED MINUTE WIND SPEED MPH OR FASTEST MILE MPH ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035LP / 1900 /

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 20 1987

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hundreds) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			134	68	22	08	03		004	003	HS
SA	0151	CLR	20			135	62	21	11	05		004		HS
SA	0250	CLR	20			138	62	22	10	06		005		HS
SA	0352	CLR	20			142	64	22	09	03		006	307 61 RADAT 23137	SH
SA	0449	CLR	20			151	62	22	00	00		008		SH
SA	0552	CLR	20			158	61	21	00	00		004		SH
SA	0654	CLR	20			165	66	22	17	03		011	114	SH
SA	0754	CLR	20			160	78	19	04	11		011		SH
SA	0852	CLR	20			159	82	21	02	12		011		SH
SA	0954	CLR	20			153	85	25	04	10		009	803 58	SH
SA	1055	CLR	20			145	90	30	01	05		007	FEW CU SE	SH
SA	1153	CLR	20			132	93	32	32	03		004	CU SE	SH
SA	1252	CLR	20			124	94	33	36	02		002	724 1100	SH
SA	1353	CLR	20			118	94	32	26	04		000		SH
SA	1451	CLR	20			107	94	32	25	03		996		SH
SA	1554	CLR	20			099	94	32	06	03		994	724 96 RADAT 24140	EP
SA	1650	CLR	20			100	93	29	05	08		994		EP
SA	1750	CLR	20			106	89	26	09	06		995		EP
SA	1852	CLR	20			111	79	19	04	06		997	310	EP
SA	1951	CLR	20			114	78	18	10	07		999		EP
SA	2051	CLR	20			116	78	18	00	00		000		EP
SA	2150	CLR	20			117	73	14	08	07		000	107 96	EP
SA	2250	CLR	20			117	76	16	06	04		001		EP
SA	2354	CLR	20			120	76	16	06	10		002		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 1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 20 1987

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	26.630			18	0															0	0	.010			00-01
01 51	26.630			21	0															0					01-02
02 51	26.640			21	0															0					02-03
03 52	26.650			20	0															0					03-04
04 49	26.670			21	0															0	3	.020			04-05
05 52	26.680			21	0															0					05-06
06 54	26.690			19	0															0					06-07
07 54	26.690			11	0															0	1	.040			07-08
08 52	26.690			10	0															0					08-09
09 54	26.680			11	0															0					09-10
10 55	26.660			11	0															0	8	.010			10-11
11 53	26.630			12	0															0					11-12
12 52	26.610			11	0	0	20	100												0					12-13
13 53	26.590			11	0															0	7	.070			13-14
14 51	26.560			11	0															0					14-15
15 54	26.540			11	0															0					15-16
16 50	26.540			10	0															0	7	.070			16-17
17 50	26.550			10	0															0					17-18
18 52	26.570			11	0															0					18-19
19 51	26.580			10	0															0	3	.030			19-20
20 51	26.590			10	0															0					20-21
21 50	26.590			10	0															0					21-22
22 50	26.600			10	0															0	1	.020			22-23
23 54	26.610			10	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	70	61	X	X						X		
	0348	1	0	0	0	69	61		0								
	0950	2	0	0	0	86	58		0								
	1549	3	0	0	0	96	85		0								
	2148	4	0	0	0	95	72		0								
	MID.	X	0	0	0	77	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.680	26.540	26.590
BAROGRAPH 64	26.650	26.690	26.580	26.600
BAR. CORR. 65	0	-.010	-.040	-.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
96	58	0	0	0	19	NE	0730					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 0530 SUNSET 1745

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: 1150 P 1230 P 1

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 21, 1987

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	0054	CLR	20			124	75	15	06	11		003	~~203~~ 210	EP
SA	0150	CLR	20			128	74	15	04	10		004		EP
SA	0251	CLR	20			127	75	17	05	14		004		EP
SA	0354	CLR	20			132	71	16	10	06		005	207 69 RADAT 20144	SH
SA	0451	CLR	20			131	75	18	04	14		005		SH
SA	0550	CLR	20			141	74	18	07	14		007	FEW 61	SH
SA	0654	CLR	20			149	77	20	04	12		008	310 1001	SH
SA	0753	CLR	20			148	80	21	03	13		008	FEW 61	SH
SA	0851	CLR	20			147	83	22	02	15		008	FEW 61	SH
SA	0956	250 -SCT	20			143	88	26	04	11		007	803 1001 69	SH
SA	1052	250 -BKN	20			137	89	27	14	12		006		SH
SA	1150	250 -BKN	20			128	91	29	13	14		004		SH
SA	1254	250 -BKN	20			121	92	29	08	11		002	817 1001	SH
SA	1351	250 -SCT	20			114	93	30	10	11		000		SH
SA	1454	250 -SCT	20			109	94	31	12	11		999		SH
SA	1555	CLR	20			103	93	29	17	08		996	717 1001 94 RADAT 27143	EP
SA	1650	CLR	20			102	91	28	05	07		996		EP
SA	1750	CLR	20			109	86	25	10	07		997		EP
SA	1853	CLR	20			115	79	20	11	11		999	307 1001	EP
SA	1951	CLR	20			123	74	18	12	08		001		EP
SA	2051	CLR	20			128	74	20	35	06		003		EP
SA	2153	CLR	20			133	69	18	02	07		004	117 94	EP
SA	2250	CLR	20			135	72	19	07	07		005		EP
SA	2353	CLR	20			143	71	19	13	07		007		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 $1s_n$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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 21, 1987

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	26.620			10	0															0	2	.030			00-01
01 50	26.630			10	0															0					01-02
02 51	26.630			11	0															0					02-03
03 54	26.640			12	0															0	2	.020			03-04
04 51	26.640			11	0															0					04-05
05 50	26.660			12	0															0					05-06
06 54	26.670			12	0	0	CI	250												0	3	.030			06-07
07 53	26.670			11	0															0					07-08
08 51	26.670			11	0															0					08-09
09 56	26.660			11	2	2	CI	250												0	8	.010			09-10
10 52	26.650			11	6															0					10-11
11 50	26.630			11	8															1					11-12
12 54	26.610			11	8	8	CI	250												1	8	.050			12-13
13 51	26.590			11	3															1					13-14
14 54	26.580			11	2															1					14-15
15 55	26.560			10	0	0	CI	250												0	7	.050			15-16
16 50	26.560			11	0															0					16-17
17 50	26.570			11	0															0					17-18
18 53	26.580			11	0	0	CI	250												0	3	.020			18-19
19 51	26.600			12	0															0					19-20
20 51	26.620			13	0															0					20-21
21 53	26.630			14	0															0	1	.050			21-22
22 50	26.640			13	0															0					22-23
23 53	26.660			14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 43	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		76	69										
	0349	1	0	0	0	77	69		0								
	0952	2	0	0	0	88	70		0								
	1550	3	0	0	0	94	88		0								
	2150	8	0	0	0	93	69		0								
	MID.		0	0	0	74	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0954	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.643	26.660	26.560	26.630
BAROGRAPH 64	26.642	26.662	26.590	26.620
BAR. CORR. 65	+.010	*±0	-.030	+.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
94	68	0	0	0	20	SE	1152					2	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 0531 SUNSET 1744

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: 1045P/2130P

* BAROGRAM CHANGED AND RESET TO ZERO CORR 0954P
0054 / APP 210 / 1500P

MF1-10B (4-86)

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 22, 1987

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 (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (13b)
SA	0050	CLR	20			143	70	18	05	12		007	110	EP
SA	0152	CLR	20			140	73	21	04	15		007		EP
SA	0250	CLR	20			140	74	21	04	08		007		EP
SA	0353	CLR	20			134	75	22	04	13		007	400 6 8 RADAT 29136	SH
SA	0452	250 -SCT	20			146	71	22	10	11		008		SH
SA	0552	250 -BKN	20			156	70	22	05	12		011		SH
SA	0655	250 -BKN	20			164	14	24	11	11		013	311 1008	SH
SA	0754	250 -BKN	20			171	84	25	09	14		015		SH
SA	0852	250 -BKN	20			173	85	26	10	13		016		SH
SA	0955	250 -BKN	20			173	85	26	08	09		015	007 1008 6 8	SH
SA	1051	250 -BKN	20			165	90	29	09	12		014		SH
SA	1151	250 -BKN	20			162	89	27	14	14		013		SH
SA	1252	E250 BKN	20			159	88	28	12	15		012	AC SE / 76 10 1078	SH
SA	1351	160 SCT E250 BKN	20			149	89	32	10	13		009		SH
SA	1448	160 SCT E250 BKN	20			145	89	31	12	14		008		SH
SA	1557	150 SCT E250 BKN	20			141	89	31	11	11		007	614 1078 90 RADAT 38136	EP
SA	1652	150 SCT E250 BKN	20			145	87	31	12	12		007		EP
SA	[illegible]	[illegible]	[illegible]			146	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		EP
SA	1852	250 - SCT	20			150	78	31	11	07		008	303 1038	EP
SA	1954	250 - OVC	20			156	79	36	21	09		011		EP
SA	2056	250 - OVC	20			162	78	40	26	06		013		EP
SA	2153	120 SCT E250 OVC	20			162	76	46	08	04		013	114 1017 90	EP
SA	2250	120 SCT E250 OVC	20			158	76	43	13	06		012		EP
SA	2354	120 SCT E250 OVC	20			160	74	46	30	04		013		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:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 22, 1987

To convert LST to GMT ADD ___ 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	26.660			14	0															0	1	.030			00-01
01 52	26.660			14	0															0					01-02
02 50	26.660			14	0															0					02-03
03 53	26.660			14	0															0	4	.000			03-04
04 52	26.670			15	3															1					04-05
05 52	26.690			16	7															3					05-06
06 55	26.710			13	9	9	CS	250												3	3	.050			06-07
07 54	26.730			12	6															2					07-08
08 52	26.735			11	7															1					08-09
09 55	26.730			11	8	8	CS	250												2	0	.020			09-10
10 51	26.720			11	8															4					10-11
11 51	26.710			11	8															4					11-12
12 52	26.700			12	9	0	AC	160	9	CS	E250	9								5	7	.030			12-13
13 51	26.680			13	9															5					13-14
14 48	26.670			13	9															6					14-15
15 57	26.660			13	9	3	AC	150	6	CS	E250	9								7	6	.040			15-16
16 52	26.660			13	9															7					16-17
17 52	26.660			14	9															4					17-18
18 52	26.670			18	5	0	AC	150	5	CS	250	5								1	3	.010			18-19
19 54	26.690			21	10															2					19-20
20 56	26.710			26	10															2					20-21
21 53	26.710			35	10	3	AS	120	10	CS	E250	10								8	1	.040			21-22
22 50	26.700			31	10															9					22-23
23 54	26.710			37	10															6					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	77	68	X	X						X		
	0349	1	0	0	0	77	68		0								
	0951	2	0	0	0	86	70		0								
	1550	3	0	0	0	90	85		0								
	2149	4	0	0	0	89	75		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.730	26.660	26.710
BAROGRAPH 64	26.650	26.720	26.650	26.690
BAR. CORR. 65	+.010	+.010	+.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 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
90	68	0	0	0	25	E	1016					8	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 0532 SUNSET 1742

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: 1200P/2200P/

0353/68/1300P

0955/68/1302P

1351/710/1450P 4/23/87

MF1-10B (4-86)

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 23 1987

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 (10's of deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CB. REMARKS INITIALS (15)
SA	0053	120 SCT E250 OVC	20			165	73	46	12	08		014	303 1037	EP
SA	0153	120 SCT E250 OVC	20			165	73	47	13	07		014		EP
SA	0257	120 SCT 250-BKN	20			170	71	46	33	08		015		EP
SA	0351	E120 BKN 250 OVC	20			174	70	47	02	05		016	307 1058 69 RADAT 92131	RD
SA	0451	E120 BKN 250 OVC	20			186	70	50	36	04		019		RD
SA	0552	E120 BKN 250 BKN	20		RW-	188	67	56	07	07		019	RB42	RD
SA	0657	E120 BKN 140 BKN 250 BKN	20			189	68	54	31	04		020	RE08/11200 1078	RD
SA	0756	E120 BKN 140 BKN 250 BKN	20			193	73	53	23	03		020		RD
SA	0854	E120 BKN 250 BKN	20			192	76	51	17	04		020		RD
SA	0957	70 SCT 120 SCT E250 BKN	20			187	79	50	08	05		019	80200 1178 67	RD
SA	1055	70 SCT 120 SCT E250 BKN	20			180	82	47	11	11		018		RD
SA	1156	70 SCT 120 SCT E250 BKN	20			172	82	49	10	10		015		RD
SA	1257	70 SCT E250 BKN	20			160	86	44	18	03		013	TCU S/722 1108	RD
SA	1359	70 SCT E250 BKN	20			152	86	44	11	08		009	TCU E S	RD
SA	1452	70 SCT E250 BKN	20			145	86	47	25	13		007		RD
SA	1558	70 SCT E150 BKN 250 BKN	20			143	86	46	23	09		007	TCU SE / 617 1212 87 RADAT 76129	DC
SA	1651	70 SCT 150 SCT E250 OVC	20			150	78	51	21	13		007		DC
SA	1753	70 SCT 250 SCT	20			161	73	52	24	12		009	VIRGA SE	DC
SA	1855	70 SCT	20			165	73	52	03	04		011	212 1200	DC
SA	1956	70 SCT 250-BKN	20			175	68	60	36	06		014	CB OCNL LTG IC W	DC
													MOVG W RB25E40	
SA	2057	70 SCT E250 BKN	20			167	69	57	34	05		013	CB OCNL LTG SW	DC
SA	2158	70 SCT 250-BKN	20			158	67	58	30	07		009	80304 1208 87	DC
SA	2257	70 SCT 130 SCT E250 BKN	20			163	65	56	04	05		012		DC
SA	2348	70 SCT 250-SCT	20			160	64	57	00	00		011		DC

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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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

U.S. GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBAO, DESERT ROCK NEVADA

DATE: SEP 23, 1987

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	HRS.
00 53	26.720			38	10	2	Ac	120	10	Cs	E250	10								8	3	010			00-01
01 53	26.720			40	10															9					01-02
02 51	26.730			44	6															2					02-03
03 57	26.740			41	10	6	Ac	E120	4	Cs	250	10								10	3	.020			03-04
04 51	26.770			49	10															10					04-05
05 52	26.765			68	9															9					05-06
06 57	26.775			61	9	6	Ac	E120	2	Ac	140	8	1	Cs	250	9				9	1	.035			06-07
07 56	26.780			50	9															9					07-08
08 54	26.780			42	8															8					08-09
09 57	26.770			37	8	1	Cu	70	2	Ac	120	3	5	Cs	E250	8				6	8	.005			09-10
10 55	26.755			30	8															6					10-11
11 56	26.730			30	8															6					11-12
12 57	26.705			23	8	3	Cu	70	5	Cs	E250	8								6	7	.065			12-13
13 54	26.680			23	8															6					13-14
14 52	26.660			26	7															5					14-15
15 58	26.655			25	9	3	Cu	70	7	As	E150	7	2	Ci	250	9				9	6	.050			15-16
16 52	26.660			39	10															7					16-17
17 53	26.680			48	5															5					17-18
18 55	26.690			48	3	3	Cu	70												3	2	.035			18-19
19 56	26.715			76	7															3					19-20
20 57	26.705			66	8															6					20-21
21 58	26.680			73	8	2	Cu	70	6	Cs	250	8								3	8	.010			21-22
22 57	26.695			73	7															5					22-23
23 48	26.685			78	4															2					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	74	69	X	X						X		
	0349	1	0	0	0	77	69		0								
	0950	2	T	0	0	80	67		0								
	1550	3	0	0	0	87	79		0								
	2150	4	.04	0	0	86	67		1								
	MID.	X	0	0	0	67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0856	1554	2154
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.770	26.655	26.680
BAROGRAPH 64	26.725	26.765	26.645	26.670
BAR. CORR. 65	+.015	+.005	+.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 UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIR. (Tens. of Deg.) 72	PEAK WIND TIME (L.S.T.) 73	FASTEST MILE WIND (Kts.) 74	FASTEST MILE WIND DIR. (Tens. of Deg.) 75	FASTEST MILE WIND TIME (L.S.T.) 76	RIVER GAGE 77	SUNSHINE RECORDED SUNRISE TO SUNSET 78	SUNSHINE RECORDED MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	64	.04	0	0	25	SW	1622*					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 84	BEGAN 83	ENDED 84	TYPE 85	BEGAN 81	ENDED 82
RW-	0542	0608			
RW	1925	1940			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0533 SUNSET 1740

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: 10719 / 19101

* LAST OF SEVERAL OCCURRENCES

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 24 1987

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's of Degrees) (9)	WIND SPEED (Knots) (10)	WIND GUSTS (Knots) (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SERVICE INITIALS (15)
SA	0057	70 SCT 250-SCT	20			156	63	57	00	00		009	000 1208	DC
SA	0156	CLR	20			156	62	58	11	05		009		DC
SA	0252	CLR	20			160	60	52	00	00		011		DC
SA	0353	CLR	20			162	59	54	11	04		011	303 1100 59 20004	RD
													RADAT 46128	
SA	0452	CLR	20			166	58	51	09	03		011	FEW CU	RD
SA	0551	100 SCT 250 SCT	20			170	57	51	00	00		011		RD
SA	0655	250 - SCT	20			172	61	51	13	03	012	008	303 1051	RD
SA	0758	250 - SCT	20			171	69	51	18	04	012	00		RD
SA	0852	250 - SCT	20			166	74	51	30	04		012		RD
SA	0954	100 SCT 250 SCT	20			161	79	49	28	04		011	TCU SE/805 1251 57	RD
SA	1055	100 SCT 250 SCT	20			152	81	49	29	06		008	TCU SE	RD
SA	1156	90 SCT 120 SCT	20			148	82	49	21	11		007		RD
SA	1251	90 SCT 120 SCT 250 SCT	20			141	82	49	22	11		005	CB NW/717 1951	RD
SA	1352	70 SCT 250 SCT	20			134	85	49	23	13		003	CB NW	RD
SA	1450	70 SCT 250-BKN	20			131	84	47	26	09		002	CB NW NE	RD
SA	1559	150 SCT 250-BKN	20			127	82	46	24	10		000	CB NW-N/ 715 1968	DC
													85	
SA	1658	70 SCT 120 SCT E250 BKN	20			127	82	46	23	04		000	CB NW-NE	DC
													RADAT 75130	
SA	1752	70 SCT 120 SCT 250 SCT	20			131	74	46	28	06		001	CB VIRGA NW-NE	DC
SA	1857	70 SCT 120 SCT	20			133	77	47	22	06		002	205 1460	DC
SA	1956	CLR	20			135	76	49	22	05		003		DC
SA	2057	CLR	20			135	70	47	04	07		003		DC
SA	2157	CLR	20			132	70	48	08	04		003	003 85	DC
SA	2254	CLR	20			135	67	47	08	04		003		DC
SA	2358	CLR	20			134	66	46	11	04		003		DC

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **SEP 24 1987**

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 57	26.680			81	2	1	Cu	70	1	CS	250	2													00-01
01 56	26.680			87	0															1	0	.000			01-02
02 52	26.685			75	0															0					02-03
03 53	26.690			84	0	0	Cu	70												0					03-04
04 52	26.690			78	0															0	3	.010			04-05
05 51	26.690			80	1															0					05-06
06 55	26.700			70	2	0	Ac	100	2	Cl	250	2								1					06-07
07 58	26.700			53	2															1	3	.010			07-08
08 52	26.695			45	2															1					08-09
09 54	26.685			35	2	0	Cu	60	2	Ac	100	2	0	Cl	250	2				1					09-10
10 55	26.665			33	2															2	8	.015			10-11
11 56	26.655			32	3															2					11-12
12 51	26.635			32	5	3	CB	70	2	Ac	120	5	0	Cl	250	5				3					12-13
13 52	26.620			29	3															5	7	.050			13-14
14 50	26.605			28	6															3					14-15
15 59	26.590			28	7	0	CB	70	1	AC	150	1	7	CS	250	7				3					15-16
16 58	26.590			28	6															3	7	.045			16-17
17 52	26.600			31	4															4					17-18
18 57	26.605			35	2	1	SC	70	1	AC	120	2								3					18-19
19 56	26.620			39	0															2	2	.015			19-20
20 57	26.615			44	0															0					20-21
21 57	26.615			46	0															0					21-22
22 54	26.620			44	0															0	0	.010			22-23
23 58	26.620			49	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	64	59	X	X						X		
	0348	1	0	0	0	67	59		1								
	0949	2	0	0	0	80	57		0								
	1551	3	0	0	0	85	79		0								
	2150	4	0	0	0	82	69		0								
	MID.	X	0	0	0	71	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1555	2153
ATY. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.685	26.590	26.615
BAROGRAPH 64	26.680	26.685	26.585	26.605
BAR. CORR. 65	+.010	0	+.005	+.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
85	57	0	0	0	19	SW	1358					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 0533 SUNSET 1739

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: 10552/2000/

0655/ATL 012/0757

0758/0758

MF1-10B (4-86)

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE SEP 25 1987

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 (16)
SA	0056	CLR	20			134	64	46	05	03		003	000	DC
SA	0155	CLR	20			129	63	46	08	05		002		DC
SA	0252	CLR	20			129	64	46	35	05		002		DC
SA	0356	CLR	20			134	62	46	00	00		002	502 61 RADAT 42133	RD
SA	0454	CLR	20			137	59	45	02	04		003		RD
SA	0554	CLR	20			143	60	45	03	04		004		RD
SA	0654	CLR	20			139	68	46	00	00		004	~~110~~ 107 1001	RD
SA	0756	CLR	20			140	74	47	00	00		005		RD
SA	0854	CLR	20			140	78	47	07	03		005		RD
SA	0956	CLR	20			143	81	47	23	09		006	305 1100 58	RD
SA	1057	CLR	20			134	84	46	28	07		004		RD
SA	1151	CLR	20			126	85	46	26	16		002		RD
SA	1255	CLR	20			115	87	45	24	16		999	724 1100	RD
SA	1353	CLR	20			107	88	45	25	16		996		RD
SA	1451	CLR	20			099	88	45	23	13		994		RD
SA	1555	CLR	20			098	87	44	24	11	G21	993	617 1200 89	DC
													RADAT 42138	
SA	1655	CLR	20			099	85	43	22	13		992		DC
SA	1750	CLR	20			097	82	42	24	11		992		DC
SA	1856	CLR	20			096	79	42	24	08		992	502	DC
SA	1957	CLR	20			101	75	42	07	05		994		DC
SA	2056	CLR	20			100	76	41	26	04		994		DC
SA	2157	CLR	20			101	72	41	00	00		995	108 89	DC
SA	2257	CLR	20			101	69	41	05	04		995		DC
SA	2357	CLR	20			103	67	41	06	04		995		DC

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

FM12-VII: ffiii $i_R i_x$ hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-84) WHICH MAY BE USED.

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 25 1987

To convert L.S.T. 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	26.615			52	0															0	0	.000			00-01
01 55	26.605			54	0															0					01-02
02 52	26.605			52	0															0					02-03
03 56	26.610			56	0															0	5	.005			03-04
04 54	26.620			60	0															0					04-05
05 54	26.630			46	0	0	Ci	250												0	1	.020			05-06
06																									06-07
07 56	26.640			39	0															0					07-08
08 54	26.640			34	0															0					08-09
09 56	26.645			31	0	0	Cu	70												0	3	.015			09-10
10 57	26.625			27	0															0					10-11
11 51	26.605			26	0															0					11-12
12 55	26.575			23	0	0	Cu	70												0	7	.070			12-13
13 53	26.555			23	0															0					13-14
14 57	26.535			23	0															0					14-15
15 55	26.525			22	0	0	Cu	70												0	6	.050			15-16
16 55	26.520			23	0															0					16-17
17 50	26.515			24	0															0					17-18
18 56	26.510			27	0															0					18-19
19 57	26.535			31	0															0					19-20
20 56	26.540			29	0															0					20-21
21 57	26.545			33	0															0	1	.025			21-22
22 57	26.545			36	0															0					22-23
23 57	26.545			39	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	68	61	X	X						X		
	0348	1	0	0	0	71	61		0								
	0949	2	0	0	0	81	58		0								
	1548	3	0	0	0	89	81		0								
	2150	4	0	0	0	87	70		0								
	MID.	X	0	0	0	73	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0955	1551	2154
ATT. THERM. 60				
OBSRV'D. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.645	26.525	26.545
BAROGRAPH 64	26.600	26.645	26.525	26.540
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 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
89	58	0	0	0	29	SW	1415					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 0534 SUNSET 1738

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 / 2115 /

Changed Microbarograph at 0955 LST

SA 0654 APP 110 CHANGED TO 107 AT 2100P

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP 26 1987

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. (Mb.) (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			100	67	40	04	10		994	802	DC
SA	0156	CLR	20			100	67	38	09	05		994		DC
SA	0253	CLR	20			100	65	38	08	04		994		DC
SA	0351	CLR	20			105	62	37	03	04		995	302 62 RADAT S0137	RD
SA	0454	CLR	20			110	60	38	35	04		996		RD
SA	0551	CLR	20			118	59	38	12	03		997		RD
SA	0653	CLR	20			120	66	39	49	03		999	212	RD
SA	0755	CLR	20			123	73	49	19	03		000		RD
SA	0853	CLR	20			121	79	42	24	06		001		RD
SA	0952	CLR	20			124	82	43	24	07		001	207 1100 58	RD
SA	1051	CLR	20			119	83	42	22	12		000		RD
SA	1150	CLR	20			115	87	41	19	07		999		RD
SA	1252	CLR	20			109	89	40	19	10		996	714 1100	RD
SA	1350	CLR	20			099	89	40	25	18		994		RD
SA	1450	CLR	20			095	89	40	26	10		993		RD
SA	1556	CLR	20			095	88	40	24	12		992	614 1100 89 RADAT 37139	DC
SA	1656	CLR	20			096	86	38	24	12		992		DC
SA	1756	CLR	20			106	82	39	25	10		994		DC
SA	1858	CLR	20			110	77	38	31	05		995	310	DC
SA	1950	CLR	20			111	74	39	04	06		996		DC
SA	2055	CLR	20			115	71	39	03	09		997		DC
SA	2155	CLR	20			115	70	39	03	10		998	108 89	DC
SA	2255	CLR	20			116	70	39	02	09		000		DC
SA	2357	CLR	20			121	70	39	00	00		001		DC

A synoptic observation using WMO code FM12-VI, 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:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 26 1987

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	26.540			37	0															0	8	.005			00-01
01 56	26.540			34	0															0					01-02
02 53	26.540			37	0															0					02-03
03 51	26.545			40	0															0	3	.005			03-04
04 54	26.555			46	0															0					04-05
05 51	26.565			46	0															0					05-06
06 53	26.580			37	0															0	2	.035			06-07
07 55	26.590			31	0															0					07-08
08 53	26.595			27	0															0					08-09
09 52	26.600			25	0	0	Cu	70												0	2	.020			09-10
10 51	26.585			24	0															0					10-11
11 50	26.575			20	0															0					11-12
12 52	26.560			18	0	0	Cu	70												0	7	.040			12-13
13 50	26.540			18	0															0					13-14
14 50	26.525			18	0															0					14-15
15 56	26.520			19	0	0	Cu	70												0	6	.040			15-16
16 56	26.520			18	0															0					16-17
17 56	26.535			22	0															0					17-18
18 58	26.550			25	0															0	3	.030			18-19
19 50	26.560			28	0															0					19-20
20 55	26.570			31	0															0					20-21
21 55	26.575			32	0															0	1	.025			21-22
22 55	26.585			32	0															0					22-23
23 57	26.600			32	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	71	62	X	X						X		
	0346	1	0	0	0	73	62		0								
	0947	2	0	0	0	82	58		0								
	1550	3	0	0	0	89	81		0								
	2150	4	0	0	0	88	70		0								
	MID.	X	0	0	0	71	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.600	26.520	26.575
BAROGRAPH 64	26.595	26.595	26.520	26.570
BAR. CORR. 65	0	+.005	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 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
89	58	0	0	0	25	W	1500					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0535 SUNSET 1736

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: 1065 / 1630 /

MF1-10B (4-86)

SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986--654-383

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 SEP 27 1987

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0056	CLR	20			124	67	38	11	05		002		DC
SA	0153	CLR	20			125	66	38	07	06		002	110	DC
SA	0255	CLR	20			126	65	38	07	05		002		DC
SA	0350	CLR	20			135	64	38	00	00		004		DC
SA	0450	CLR	20			140	66	37	12	04		005	208 63 RADAT 65132	AD
SA	0550	CLR	20			144	69	23	03	08		006		AD
SA	0650	CLR	20			150	69	32	11	05		007		AD
SA	0750	CLR	20			154	75	23	04	13		008	210	AD
SA	0850	CLR	20			154	78	24	03	15		008		AD
SA	0950	CLR	20			150	81	29	01	08		008		AD
SA	1050	CLR	20			145	85	36	31	03		007	103 63	AD
SA	1150	CLR	20			140	88	34	21	06		006		AD
SA	1250	CLR	20			134	88	36	22	12		004		AD
SA	1350	CLR	20			130	89	35	22	08		003	714	AD
SA	1450	CLR	20			124	89	36	23	10		001	FEW SC SE	AD
SA	1555	CLR	20			125	88	36	25	09		001	FEW SC SE	AD
SA	1657	CLR	20			125	86	36	24	09		001	610 1100 90 RADAT 38135	AD
SA	1757	CLR	20			126	80	35	26	04		002	CU SE	AD
SA	1853	CLR	20			138	73	33	00	00		003		AD
SA	1953	CLR	20			142	71	32	06	02		005	307	AD
SA	2055	CLR	20			145	69	32	14	03		006		AD
SA	2155	CLR	20			150	67	32	00	00		007		AD
SA	2255	CLR	20			150	67	32	06	04		008	114 70	AD
SA	2350	CLR	20			153	65	33	32	04		009		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 $i_R i_x h$VV 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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: SEP 27 1987

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 56	26.605			34	0															0	1	.030			00-01
01 53	26.610			36	0															0					01-02
02 55	26.610			37	0															0					02-03
03 50	26.630			38	0															0					03-04
04 50	26.640			34	0															0	2	.025			04-05
05 50	26.650			18	0															0					05-06
06 50	26.660			25	0															0					06-07
07 50	26.670			14	0															0	2	.030			07-08
08 50	26.670			13	0															0					08-09
09 50	26.670			15	0															0					09-10
10 50	26.660			18	0															0	1	.010			10-11
11 50	26.650			15	0															0					11-12
12 50	26.630			16	0															0					12-13
13 50	26.620			15	0															0	7	.040			13-14
14 50	26.600			15	0															0					14-15
15 55	26.600			16	0	0	20	90												0	6	.030			15-16
16 57	26.600			17	0															0					16-17
17 57	26.605			19	0															0					17-18
18 [illegible]	[illegible]			23	[illegible]															0					18-19
19 [illegible]	[illegible]			24	0															[illegible]	[illegible]	[illegible]			19-20
20 55	26.650			25	0															0					20-21
21 [illegible]	26.660			27	0															0					21-22
22 55	26.670			27	0															0	1	.040			22-23
23 50	26.680			30	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	70	63	X	X						X		
	0350	1	0	0	0	71	63		0								
	0950	2	0	0	0	81	64		0								
	1551	3	0	0	0	90	81		0								
	2150	4	0	0	0	88	66		0								
	MID.	X	0	0	0	67	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.670	26.660	26.660
BAROGRAPH 64	26.610	26.660	26.595	26.640
BAR. CORR. 65	+.020	+.010	+.005	+.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
90	63	0	0	0	17	NE	0653					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 0536 SUNSET 1735

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: 1070P 1935P

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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: SEP. 28, 1987

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. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-16) (9)	WIND SPEED (Kts.) (10)	WIND GUSTS (Kts.) (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INTERVAL (15)
SA	0050	CLR	20			155	63	34	04	05		009	107	AO
SA	0150	CLR	20			159	63	34	09	04		011		AO
SA	0250	CLR	20			162	62	35	09	03		012		AO
SA	0350	CLR	20			166	62	34	00	00		013	210 60 RADAT S1130	AO
SA	0450	CLR	20			176	63	33	00	00		015		AO
SA	0550	CLR	20			181	62	33	28	05		016		AO
SA	0650	CLR	20			189	67	35	11	03		017	214	AO
SA	0750	CLR	20			188	76	24	03	14		018		AO
SA	0850	CLR	20			187	79	24	02	13		018		AO
SA	0950	CLR	20			181	84	32	07	05		017	000 60	AO
SA	1050	CLR	20			176	86	34	06	04		016		AO
SA	1150	CLR	20			170	88	36	31	08		014	FEW CU SE	AO
SA	1250	CLR	20			161	91	35	29	06		012	FEW CU SE / 717 1100	AO
SA	1350	CLR	20			154	91	32	24	04		009	FEW CU SE	AO
SA	1450	CLR	20			151	90	32	09	08		008	FEW CU SE	AO
SA	1555	CLR	20			151	90	29	10	04		008	610 1400 TB RADAT MISG	AO
SA	1655	CLR	20			157	88	31	26	05		008	SC SE	AO
SA	1755	CLR	20			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		AO
SA	1850	CLR	20			162	16	26	06	04		011	307	AO
SA	1955	CLR	20			168	72	27	09	05		013		AO
SA	2054	CLR	20			171	71	27	04	05		014		AO
SA	2155	CLR	20			170	67	27	06	04		014	110 72	AO
SA	2256	CLR	20			174	66	27	00	00		015		AO
SA	2353	CLR	20			175	69	27	11	04		016		AO

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 (1-62) WHICH MAY BE USED.

U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP. 28, 1987

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	26.680			34	0															0	1	.020			00-01
01 50	26.690			34	0															0					01-02
02 55	26.700			36	0															0					02-03
03 50	26.710			35	0															0	2	.030			03-04
04 50	26.730			29	0															0					04-05
05 50	26.740			34	0															0					05-06
06 50	26.750			31	0															0	2	.040			06-07
07 50	26.760			14	0															0					07-08
08 50	26.760			13	0															0					08-09
09 50	26.750			15	0															0	0	.000			09-10
10 50	26.740			15	0															0					10-11
11 50	26.720			16	0															0					11-12
12 50	26.700			14	0	0	CU	90												0	7	.050			12-13
13 50	26.680			12	0															0					13-14
14 50	26.670			13	0															0					14-15
15 55	26.670			11	0	0	SC	90												0	6	-.030			15-16
16 55	26.670			13	0															0					16-17
17 55	26.690			15	0															0					17-18
18 50	26.690			16	0															0	5	.020			18-19
19 55	26.710			19	0															0					19-20
20 55	26.730			19	0															0					20-21
21 55	26.720			22	0															0	1	-.030			21-22
22 56	26.730			23	0															0					22-23
23 53	26.740			31	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		0	0		66	60										
	0350	1	0	0	0	67	60		0								
	0950	2	0	0	0	84	61		0								
	1550	3	0	0	0	92	84		0								
	2151	4	0	0	0	90	67		0								
	MID		0	0	0	64	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.750	26.710	26.720
BAROGRAPH 64	26.700	26.740	26.660	26.715
BAR. CORR. 65	[illegible]	[illegible]	[illegible]	[illegible]

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 (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	60	0	0	0	16	NE	0202					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 0537PST SUNSET 1733PST

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: 0500 / 18587 /

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 SEP. 29, 1987

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			176	64	25	11	03		016	107	[illegible]
SA	0156	CLR	20			176	66	25	04	03		016		[illegible]
SA	0250	CLR	20			179	68	20	04	09		017		[illegible]
SA	0350	CLR	20			179	68	20	05	13		017	103 63 RADAT 32131	AD
SA	0450	CLR	20			187	69	20	04	14		019		AD
SA	0550	CLR	20			194	68	19	04	09		020		AD
SA	[illegible]	CLR	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	AD
SA	0750	CLR	20			205	74	20	03	16		023		AD
SA	0850	CLR	20			207	78	22	02	12		024		AD
SA	0950	CLR	20			206	83	24	05	09		024	107 63	AD
SA	1050	CLR	20			196	87	27	11	11		022		AD
SA	1150	CLR	20			186	89	28	13	09		019		AD
SA	1250	CLR	20			176	90	30	02	08		016	724	AD
SA	1350	CLR	20			168	90	29	01	06		014		AD
SA	1450	CLR	20			163	91	30	05	08		013		AD
SA	1554	CLR	20			160	90	28	04	09		012	614 1100 92 RADAT 31131	[illegible]
SA	1653	CLR	20			160	88	26	12	07		012		[illegible]
SA	1750	CLR	20			161	85	23	10	12		012		[illegible]
SA	1856	CLR	20			167	78	18	12	14		013	303	[illegible]
SA	1956	CLR	20			172	74	17	05	05		014		[illegible]
SA	2057	CLR	20			173	76	17	35	07		015		[illegible]
SA	2155	CLR	20			174	69	15	07	03		015	107 92	[illegible]
SA	2253	CLR	20			177	67	15	10	07		016		[illegible]
SA	2351	CLR	20			172	66	15	02	04		015		[illegible]

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:1984-0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: SEP. 29, 1987

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	26.740			23	0															0	1	.020			00-01
01 56	26.740			21	0															0					01-02
02 50	26.750			16	0															0					02-03
03 50	26.750			16	0															0	1	.010			03-04
04 50	26.770			15	0															0					04-05
05 50	26.780			15	0															0					05-06
06 50	26.790			14	0															0	2	.040			06-07
07 50	26.800			13	0															0					07-08
08 50	26.810			12	0															0					08-09
09 50	26.810			11	0															0	1	.020			09-10
10 50	26.790			11	0															0					10-11
11 50	26.770			11	0															0					11-12
12 50	26.740			12	0															0	7	.070			12-13
13 50	26.720			11	0															0					13-14
14 50	26.710			11	0															0					14-15
15 24	26.700			11	0	0	CU	90												0	6	.040			15-16
16 53	26.700			11	0															0					16-17
17 50	26.700			10	0															0					17-18
18 56	26.710			10	0															0	3	.010			18-19
19 56	26.720			11	0															0					19-20
20 57	26.730			11	0															0					20-21
21 55	26.730			12	0															0	1	.020			21-22
22 53	26.740			13	0															0					22-23
23 51	26.730			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 0350	X	0	0	X	71	63	X	X						X		
	0350	1	0	0	0	71	63		0								
	0950	2	0	0	0	83	67		0								
	1550	3	0	0	0	92	83		0								
	2152	4	0	0	0	90	69		0								
	MID.	X	0	0	0	71	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.810	26.700	26.730
BAROGRAPH 64	26.750	26.810	26.700	26.725
BAR. CORR. 65	+/-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	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 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
92	63	0	0	0	20	NE	0803					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 0537 SUNSET 1732

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: 1050P/1722P

* CHANGED MICROBAROGRAPH RESET TO ZERO

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: SEP. 30, 1987

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	0052	CLR	20			176	66	14	09	05		016	103	[illegible]
SA	0156	CLR	20			176	65	14	01	05		016		[illegible]
SA	0252	CLR	20			177	63	14	11	07		016		[illegible]
SA	0350	CLR	20			174	69	12	06	12		016	400 62 RADAT 22131	AD
SA	0450	CLR	20			180	68	12	04	14		017		AD
SA	0550	CLR	20			184	69	12	04	12		018		AD
SA	0650	CLR	20			189	73	14	04	13		019	210	AD
SA	0750	CLR	20			195	75	15	04	15		020		AD
SA	0850	CLR	20			191	79	18	03	14		020		AD
SA	0950	CLR	20			188	85	24	12	12		019	000 62	AD
SA	1050	CLR	20			181	87	25	11	14		017		AD
SA	1150	CLR	20			173	88	27	12	14		015		AD
SA	1250	CLR	20			161	90	28	13	12		012	724	AD
SA	1350	CLR	20			153	91	29	13	07		009		AD
SA	1450	CLR	20			150	90	30	27	04		008		AD
SA	1550	CLR	20			144	91	29	08	08		007	614 1400 92 RADAT 29134	[illegible]
SA	1656	CLR	20			145	88	26	00	00		007		[illegible]
SA	1750	CLR	20			147	82	23	11	07		007		[illegible]
SA	1856	CLR	20			155	79	22	08	03		009	307	[illegible]
SA	1955	CLR	20			165	72	20	06	08		012		[illegible]
SA	2056	CLR	20			164	70	20	07	05		012		[illegible]
SA	2155	CLR	20			161	71	20	11	07		012	107 92	[illegible]
SA	2256	CLR	20			161	66	19	03	06		012		[illegible]
SA	2358	CLR	20			162	64	19	00	00		012		[illegible]

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:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP. 30, 1987

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 52	26.740			13	0															0	1	.010			00-01
01 56	26.740			14	0															0					01-02
02 52	26.740			15	0															0					02-03
03 50	26.740			11	0															0	4	.000			03-04
04 50	26.750			11	0															0					04-05
05 50	26.760			11	0															0					05-06
06 50	26.770			10	0															0	2	.030			06-07
07 50	26.780			10	0															0					07-08
08 50	26.780			10	0															0					08-09
09 50	26.770			11	0															0	0	.000			09-10
10 50	26.750			11	0															0					10-11
11 50	26.730			11	0															0					11-12
12 50	26.700			11	0															0	7	.070			12-13
13 50	26.680			11	0															0					13-14
14 50	26.670			12	0															0					14-15
15 50	26.660			11	0	0	SE	90												0	6	.040			15-16
16 56	26.660			11	0															0					16-17
17 50	26.660			11	0															0					17-18
18 56	26.680			12	0															0	3	.020			18-19
19 55	26.700			14	0															0					19-20
20 56	26.700			15	0															0					20-21
21 55	26.700			14	0															0	1	.020			21-22
22 56	26.700			16	0															0					22-23
23 58	26.700			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 0350		0	0		70	62										
	0350	1	0	0	0	71	62		0								
	0950	2	0	0	0	85	67		0								
	1546	3	0	0	0	92	85		0								
	2150	4	0	0	0	91	69		0								
	MID.		0	0	0	71	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.770	26.660	26.700
BAROGRAPH 64	26.735	26.770	26.660	26.685
BAR. CORR. 65	+.005	+/-0	0	+.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 UNREL TO (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 (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	62	0	0	0	20	SE	1020					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 0538 SUNSET 1730

TOTAL SUNSHINE ____ (MIN.) PERCENT OF POSSIBLE SUNSHINE ____ CHARACTER OF SUNSHINE ____ 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: 1050P / 1805P