WS FORM F-6
(9-76)

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

STATION: Desert Rock, Nevada

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

MONTH: September YEAR: 1986

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	PEAK DIRECTION	SUNSHINE Ave Stn Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	RH 10	RH 16	RH 22
1	95	63	79		0	14	0	0	0	5.5	20	NE	26.52		1		37	16	14	25
2	96	67	82		0	17	0	0	0	5.0	16	SW	26.50		2		27	15	14	21
3	98	72	85		0	20	0	0	0	6.3	23	SE	26.53		0		24	18	15	22
4	100	66	83		0	18	0	0	0	3.9	19	SW	26.54		0		28	15	14	20
5	101	66	84		0	19	0	0	0	4.1	19	E	26.56		0		29	15	14	22
6	98	68	83		0	18	0	0	0	7.3	25	SW	26.51		0		25	15	14	20
7	96	69	83		0	18	0	0	0	8.5	31	SW	26.48		0		23	15	14	15
8	91	75	83		0	18	0	0	0	15.9	41	SW	26.42		2		19	20	14	23
9	86	66	76		0	11	0	0	0	12.4	33	S	26.33		0		30	24	14	13
10	80	57	69		0	4	0	0	0	6.8	27	NE	26.56		0		33	24	14	20
11	85	53	69		0	4	0	0	0	4.6	20	SW	26.61		7		29	14	13	15
12	86	57	72		0	7	0	0	0	9.4	30	SW	26.50		1		20	25	13	20
13	85	57	71		0	6	0	0	0	8.8	29	SW	26.48		4		23	20	14	16
14	82	60	71		0	6	0	0	0	12.3	33	S	26.50		0		31	15	14	22
15	77	56	67		0	2	0	0	0	10.5	24	W	26.53		3		31	22	13	18
16	79	50	65		0	0	0	0	0	10.1	30	SW	26.57		6		26	21	17	30
17	81	59	70		0	5	0	0	0	12.4	30	SW	26.54		5		43	26	18	28
18	78	59	69		0	4	0	0	0	10.2	29	SW	26.45		2		34	31	22	23
19	75	59	67		0	2	0	0	0	13.7	40	SW	26.40		5		28	21	12	14
20	72	47	60		5	0	0	0	0	6.0	20	SW	26.53		3		38	28	15	25
21	77	44	61		4	0	0	0	0	5.5	24	W	26.55		1		27	15	11	14
22	77	45	61		4	0	0	0	0	6.1	23	SW	26.52		1		22	13	11	27
23	71	50	61		4	0	T	0	0	7.7	25	SW	26.37		5	RW-, T	42	45	17	37
24	65	48	57		8	0	0	0	0	14.3	43	S	26.26		8		54	41	48	62
25	67	52	60		5	0	0	0	0	14.9	38	SW	26.35		1		53	32	30	38
26	69	40	55		10	0	0	0	0	7.9	30	SW	26.50		3		58	36	21	29
27	63	50	57		8	0	0	0	0	8.1	21	W	26.50		9		45	44	36	47
28	67	48	58		7	0	0	0	0	8.8	22	NE	26.54		8		46	38	35	52
29	73	49	61		4	0	0	0	0	7.6	20	NE	26.60		0		36	22	12	24
30	78	43	61		4	0	0	0	0	4.5	20	SW	26.51		1		33	17	17	25
31																				
SUM	2448	1695	—	—	63	193	T	0	—	259.1	—	—	794.76	—	78	—	994	703	530	769
AVG	81.6	56.5	—	—	—	—	—	—	—	8.6	FASTEST	DIRECTION		%		—	33	23	18	26
										MISC. →	43	S	26.49		2.6	—				

TEMPERATURE DATA

AVERAGE MONTHLY: 69.1
DEPARTURE FROM NORMAL: -6.2
HIGHEST: 101 ON: 5
LOWEST: 40 ON: 26

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW: 0
MAX. 90° OR ABOVE: 8
MIN. 32° OR BELOW: 0
MIN. 0° OR BELOW: 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH: 63
DEPARTURE FROM NORMAL: 48
SEASONAL TOTAL: 63
DEPARTURE FROM NORMAL: 48

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH: 193
DEPARTURE FROM NORMAL: -135
SEASONAL TOTAL: 211 3
DEPARTURE FROM NORMAL: 49

PRECIPITATION DATA

TOTAL FOR THE MONTH: T IN.
DEPARTURE FROM NORMAL: -0.45 IN.
GREATEST IN 24 HRS.: T 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): 21
PARTLY CLOUDY (Scale 4–7): 6
CLOUDY (Scale 8–10): 3
WITH 0.01 INCH OR MORE PRECIP.: 0
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

F = fog
R = rain
RW = rain shower
S = snow
SW = snow shower
T = thunderstorm

MAXIMUM PRECIPITATION

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

HIGHEST: Stn. 26.67 IN. ON: 11
LOWEST: Stn. 26.23 IN. ON: 24

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

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 1 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	CLR	20			094	71	37	00	00		993	107	MR
SA	0153	CLR	20			098	68	39	11	02		994		MR
SA	0255	CLR	20			095	67	38	03	05		993		MR
SA	0350	CLR	20			099	66	39	00	00		994	203 65 RADAT 56134	CH
SA	0450	250 SCT	20			100	65	38	13	04		994		CH
SA	0550	250 SCT	20			111	68	37	10	04		998		CH
SA	0650	250 SCT	20			115	74	37	00	00		999	314 1001	CH
SA	0750	250 SCT	20			116	80	35	06	10		999		CH
SA	0850	250 SCT	20			115	83	36	04	10		999		CH
SA	0950	250 SCT	20			114	87	35	05	07		999	400 1001 63	CH
SA	1050	CLR	20			105	91	36	27	04		997		CH
SA	1150	CLR	20			101	91	36	22	05		996		CH
SA	1250	CLR	20			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	CH
SA	1350	CLR	20			086	93	37	22	10		991		CH
SA	1450	CLR	20			074	94	38	22	08		988		CH
SA	1556	CLR	20			068	93	37	26	07		986	724 1101 95 RADAT 45137	MR
SA	1651	CLR	20			065	92	35	26	10		984		MR
SA	1752	250 SCT	20			065	90	34	24	09		984		MR
SA	1854	250 - BKN	20			066	85	34	26	03		985	502 1404	MR
SA	1958	250 - SCT	20			073	77	38	03	04		987		MR
SA	2056	250 - SCT	20			074	75	38	06	03		987		MR
SA	2155	CLR	20			070	75	37	02	08		987	005 95	MR
SA	2253	CLR	20			072	75	36	35	06		988		MR
SA	2354	CLR	20			073	77	35	33	05		988		MR

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

FM12-VII: IIIII $I_R I_X hVV$ NdJff $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 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:1984-0-784-006/6065

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: SEP 1 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 56	26.530			29	0															0	1	.020			00-01
01 53	26.540			34	0															0					01-02
02 55	26.530			34	0															0					02-03
03 50	26.540			37	0															0	2	.010			03-04
04 50	26.540			37	3															2					04-05
05 50	26.570			32	3															2					05-06
06 50	26.580			26	3	3	CI	250												2	3	.040			06-07
07 50	26.580			20	1															1					07-08
08 50	26.580			19	1															1					08-09
09 50	26.580			16	1	1	CI	250												1	4	.000			09-10
10 50	26.560			14	0															0					10-11
11 50	26.550			14	0															0					11-12
12 50	26.530			14	0	0	CU	80												0	7	.050			12-13
13 50	26.510			14	0															0					13-14
14 50	26.480			14	0															0					14-15
15 56	26.460			14	0	0	CU	120	0	CI	250	0								0	7	.070			15-16
16 51	26.460			14	0															0					16-17
17 52	26.450			14	1															1					17-18
18 54	26.455			16	7	0	SC	100	7	CI	250	0								3	5	.005			18-19
19 58	26.470			24	2															0					19-20
20 56	26.475			26	1															0					20-21
21 55	26.470			25	0															0	0	.015			21-22
22 53	26.480			24	0															0					22-23
23 54	26.485			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0348	X	0	0	X	71	65	X	X						X		
	0348	1	0	0	0	74	65		0								
	0948	2	0	0	0	87	63		0								
	1551	3	0	0	0	95	87		0								
	2151	4	0	0	0	94	74		0								
	MID.	X	0	0	0	77	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.580	26.460	26.470
BAROGRAPH 64	26.515	26.550	26.440	26.450
BAR. CORR. 65				

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
95	63	0	0	0	20	NE	0833					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 0515 SUNSET 1813

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 AT: 0656P ± 0 Sec./ 1654P ± 0 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 2 1986

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			076	73	36	01	06		989	107	MR
SA	0150	CLR	20			076	73	36	36	08		989		MR
SA	0250	250 - SCT	20			076	71	36	00	00		989		MR
SA	0350	250 - SCT	20			076	71	36	01	06		989	400 100170 RAPAT 40138	CH
SA	0450	250 - SCT	20			087	68	37	03	05		991		CH
SA	0550	250 - BKN	20			090	72	35	04	06		992		CH
SA	0650	250 - BKN	20			092	78	34	30	04		993	214 1001	CH
SA	0750	250 - BKN	20			102	82	33	26	06		996		CH
SA	0850	250 - SCT	20			106	84	32	25	06		997		CH
SA	0950	CLR	20			101	87	34	25	04		996	007 1100 67	CH
SA	1050	CLR	20			095	89	36	00	00		995		CH
SA	1150	CLR	20			083	92	38	35	04		991		CH
SA	1250	CLR	20			075	94	40	32	04		989	720 1100	CH
SA	1350	CLR	20			068	94	39	23	07		987		CH
SA	1450	CLR	20			060	95	39	24	12		984		CH
SA	1556	90 SCT	20			058	94	37	14	06		984	615 1400 46 RAPAT 51137	MR
SA	1653	90 SCT 250 SCT	20			059	94	37	24	09		983		MR
SA	1753	CLR	20			058	91	35	24	07		983		MR
SA	1855	CLR	20			062	86	34	00	00		984	302 1400	MR
SA	1952	CLR	20			072	79	36	03	04		987		MR
SA	2055	CLR	20			074	77	36	00	00		988		MR
SA	2155	CLR	20			076	72	35	06	04		989	114 46	MR
SA	2255	CLR	20			084	73	36	13	06		991		MR
SA	2355	CLR	20			085	78	34	01	06		992		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 $6RRRt_R$ 7wwW1W2 $8N_hC_LC_MC_H$ 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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: SEP 2 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 50	26.490			26	0															0	1	.020			00-01
01 57	26.490			25	0															0					01-02
02 50	26.490			27	3															1					02-03
03 50	26.490			27	3	3	CI	250												1	4	.000			03-04
04 50	26.510			32	3															1					04-05
05 50	26.520			26	7															2					05-06
06 50	26.530			20	7	7	CI	250												2	2	.040			06-07
07 50	26.550			17	7															2					07-08
08 50	26.560			15	1															0					08-09
09 50	26.550			15	0	0	CU	80												0	0	.020			09-10
10 50	26.540			15	0															0					10-11
11 50	26.510			15	0															0					11-12
12 50	26.490			15	0	0	CU	80												0	7	.060			12-13
13 50	26.470			15	0															0					13-14
14 50	26.450			14	0															0					14-15
15 50	26.430			17	1	1	SC	90												1	2	.045			15-16
16 53	26.440			14	1															1					16-17
17 53	26.440			14	0															0					17-18
18 55	26.450			16	0	0	Sc	90												0	3	.005			18-19
19 52	26.475			21	0															0					19-20
20 55	26.485			23	0															0					20-21
21 55	26.490			21	0															0	1	.040			21-22
22 55	26.505			26	0															0					22-23
23 55	26.520			20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0348	X	0	0	X	78	70	X	X						X		
	0348	1	0	0	0	78	70		0								
	0948	2	0	0	0	87	67		0								
	1551	3	0	0	0	96	87		0								
	2150	4	0	0	0	95	76		0								
	MID.	X	0	0	0	78	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.550	26.445	26.490
BAROGRAPH 64	26.460	26.520	26.440	26.460
BAR. CORR. 65	+.030	+.030	+.005	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND: SPEED (Kts.)	PEAK WIND: DIRECTION	PEAK WIND: TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.): TOP	FROZEN GROUND LAYER (Ins.): BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
96	67	0	0	0	16	SW	1704 ↓					2	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 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 AT: 0559 P ± 0 Sec. / 1956 P ± 0 Sec. / ± Sec.

* BAROGRAPH CHANGED AND RESET TO ZERO CAL.

↓ LAST OF TWO OCCURENCES

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 3 1986

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	0032	CLR	20			085	78	33	06	11		992	110	MR
SA	0154	CLR	20			089	78	33	03	13		993		MR
SA	0253	CLR	20			096	74	34	06	05		995		MR
SA	0350	CLR	20			102	74	35	05	08		997	214 72 RADAT 54136	CH
SA	0450	CLR	20			106	74	35	05	10		998		CH
SA	0550	CLR	20			115	74	36	05	08		000		CH
SA	0650	CLR	20			123	78	38	04	10		002	217	CH
SA	0750	CLR	20			129	81	39	04	12		003		CH
SA	0850	CLR	20			128	85	39	04	10		003		CH
SA	0950	CLR	20			122	89	40	01	03		002	000 72	CH
SA	1050	CLR	20			115	92	40	32	05		000		CH
SA	1150	CLR	20			108	93	39	00	00		999		CH
SA	1250	CLR	20			103	95	40	07	05		998	714	CH
SA	1350	CLR	20			091	96	42	13	06		994		CH
SA	1450	CLR	20			085	97	42	29	06		992		CH
SA	1552	CLR	20			081	96	40	36	03		991	620 98 RADAT 20142	EP
SA	1652	CLR	20			080	95	38	00	00		990		EP
SA	1753	CLR	20			079	93	37	27	08		990		EP
SA	1851	CLR	20			083	87	36	05	03		991	500	EP
SA	1954	CLR	20			095	81	36	10	04		993		EP
SA	2050	CLR	20			095	79	36	09	04		994		EP
SA	2151	CLR	20			099	77	35	01	04		995	114 98	EP
SA	2250	CLR	20			103	74	36	11	04		996		EP
SA	2353	CLR	20			103	73	36	03	05		996		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 $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 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:1984-0-764-006/6065

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: SEP 3 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0052	26.520			20	0															0	1	.030			00-01
0154	26.530			20	0															0					01-02
0253	26.545			23	0															0					02-03
0350	26.560			24	0															0	2	.040			03-04
0450	26.570			24	0															0					04-05
0550	26.590			24	0															0					05-06
0650	26.610			24	0															0	2	.050			06-07
0750	26.620			22	0															0					07-08
0850	26.620			20	0															0					08-09
0950	26.610			18	0															0	0	.000			09-10
1050	26.590			16	0															0					10-11
1150	26.580			15	0															0					11-12
1250	26.570			15	0															0	7	.040			12-13
1350	26.540			16	0															0					13-14
1450	26.520			16	0															0					14-15
1552	26.510			15	0															0	6	.060			15-16
1652	26.505			14	0															0					16-17
1753	26.500			14	0															0					17-18
1851	26.510			16	0															0	5	.000			18-19
1954	26.535			20	0															0					19-20
2050	26.540			21	0															0					20-21
2151	26.550			22	0															0	1	.040			21-22
2250	26.560			25	0															0					22-23
2353	26.560			26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0348	X	0	0	X	80	72	X	X						X		
	0348	1	0	0	0	80	72		0								
	0948	2	0	0	0	90	72		0								
	1548	3	0	0	0	98	89		0								
	2147	4	0	0	0	96	76		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.610	26.510	26.550
BAROGRAPH 64	26.540	26.600	26.505	26.535
BAR. CORR. 65	+.020	+.010	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNML TO (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
98	72	0	0	0	23	SE	1417					0	0		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0517 SUNSET 1810

TOTAL SUNSHINE | PEAK WIND: PERCENT OF POSSIBLE SUNSHINE OR FASTEST MILE M.P.H. | CHARACTER OF SUNSHINE ASSOCIATED DIRECTION M.P.H. | CHARACTER OF SUNSHINE TIME

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H.

TIME CHECK - CLOCK AT: 0657P ±0 Sec./ 2100 ±0 Sec./ ± Sec.

WEATHER & OBSTRUCTIONS TO VISION

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

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 04 1986

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			105	71	35	11	04		997	305	EP
SA	0150	CLR	20			106	71	36	01	05		997		EP
SA	0253	CLR	20			107	67	36	00	00		997		EP
SA	0349	CLR	20			106	70	35	00	00		997	102 66 RADAT 46143	AD
SA	0449	CLR	20			107	68	37	06	04		997		AD
SA	0549	CLR	20			115	71	36	06	05		999		AD
SA	0649	CLR	20			123	75	36	00	00		002	314	AD
SA	0749	CLR	20			122	84	35	26	04		002		AD
SA	0849	CLR	20			121	89	37	00	00		002		AD
SA	0949	CLR	20			120	92	38	24	05		002	400 66	AD
SA	1049	CLR	20			121	93	39	01	06		002		AD
SA	1149	CLR	20			113	96	41	22	05		999		AD
SA	1249	CLR	20			110	97	42	22	09		998	~~810~~ FEW CU N 810 1100	AD
SA	1349	CLR	20			100	99	44	31	05		996	FEW CU N	AD
SA	1449	CLR	20			100	99	43	21	07		995		AD
SA	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
SA	1650	CLR	20			088	97	39	23	07		992	FEW CU NW SE	EP
SA	1750	CLR	20			088	94	37	24	06		992		EP
SA	1850	CLR	20			093	86	31	35	03		993	500 1100	EP
SA	1953	CLR	20			099	79	31	09	04		995		EP
SA	2058	CLR	20			102	79	30	00	00		996		EP
SA	2150	CLR	20			102	76	32	07	04		996	110 00	EP
SA	2250	CLR	20			102	75	32	00	00		996		EP
SA	2353	CLR	20			100	74	34	34	04		996		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 04 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.) HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
00 52	26.565			27	0															0	3	.015			00-01
01 50	26.570			28	0															0					01-02
02 53	26.570			32	0															0					02-03
03 49	26.570			28	0															0	1	.005			03-04
04 49	26.570			32	0															0					04-05
05 49	26.590			28	0															0					05-06
06 49	26.610			24	0															0	3	.040			06-07
07 49	26.610			17	0															0					07-08
08 49	26.610			16	0															0					08-09
09 49	26.610			15	0															0	4	.000			09-10
10 49	26.610			15	0															0					10-11
11 49	26.590			15	0															0					11-12
12 49	26.580			15	0	0	CU	80												0	8	.030			12-13
13 49	26.560			15	0															0					13-14
14 49	26.550			15	0															0					14-15
15 53	26.530			14	0	0	CU	80												0	8	.050			15-16
16 50	26.520			14	0															0					16-17
17 50	26.520			14	0															0					17-18
18 50	26.530			14	0	0	CU	80												0	5	.000			18-19
19 53	26.550			17	0															0					19-20
20 58	26.560			17	0															0					20-21
21 50	26.560			20	0															0	1	.030			21-22
22 50	26.560			21	0															0					22-23
23 53	26.560			23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	
	MID. TO 0345	X	0	0	X	75	66	X	X						X			
	0345	1	0	0	0	77	66		0									
	0945	2	0	0	0	92	67		0									
	1549	3	0	0	0	100	72		0									
	2149	4	0	0	0	99	76		0									
	MID.	X	0	0	0	78	72	X	X						X			

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.610	26.530	26.560
BAROGRAPH 64	26.560	26.610	26.530	26.550
BAR. CORR. 65	+.010	+.000	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	4 AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
100	66	0	0	0	19	SW	1238					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 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 AT: 0500 ±0 Sec./1 Sec. 2030 ±0 Sec./ ± Sec.

1249/1249

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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: 9/5/86

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	0055	CLR	20			102	70	35	36	05		996	400	EP
SA	0152	CLR	20			106	69	35	36	03		997		EP
SA	0250	CLR	20			106	69	35	08	04		997		EP
SA	0349	CLR	20			106	69	35	00	00		997	103 68 RADAT 47147	AD
SA	0449	CLR	20			115	67	34	10	04		997		AD
SA	0549	CLR	20			124	68	34	00	00		002		AD
SA	0649	CLR	20			123	75	33	00	00		002	114	AD
SA	0749	CLR	20			128	83	34	00	00		003		AD
SA	0849	CLR	20			125	89	36	00	00		003		AD
SA	0949	CLR	20			118	95	40	28	05		002	000 66	AD
SA	1049	80 SCT	20			111	97	41	25	08		999		AD
SA	1149	80 SCT	20			105	98	42	24	08		997		AD
SA	1249	80 SCT	20			097	100	44	24	05		995	720 1100	AD
SA	1349	80 SCT	20			093	100	44	22	04		994		AD
SA	1449	80 SCT	20			090	100	43	23	07		993		AD
SA	1556	CLR	20			082	100	43	23	08		991	814 1400 01 RADAT 52149	EP
SA	1652	CLR	20			080	98	41	22	10		990		EP
SA	1752	CLR	20			079	95	39	26	05		989		EP
SA	1853	CLR	20			085	86	36	03	04		991	500	EP
SA	1952	CLR	20			088	83	35	10	07		992		EP
SA	2052	CLR	20			086	80	36	10	04		992		EP
SA	2153	CLR	20			088	78	36	09	05		992	103 01	EP
SA	2252	CLR	20			088	76	35	00	00		992		EP
SA	2353	CLR	20			084	75	35	07	03		992		EP

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

FM12-VII: IIiii iRixhVV Ndddf 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH 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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 05 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 55	26.560			28	0															0	4	.000			00-01
01 52	26.570			29	0															0					01-02
02 50	26.570			29	0															0					02-03
03 49	26.570			29	0															0	1	.010			03-04
04 49	26.590			32	0															0					04-05
05 49	26.610			28	0															0					05-06
06 49	26.610			22	0															0	1	.040			06-07
07 49	26.620			17	0															0					07-08
08 49	26.620			15	0															0					08-09
09 49	26.610			15	0															0	0	.000			09-10
10 49	26.590			15	1															1					10-11
11 49	26.570			15	1															1					11-12
12 49	26.550			15	1	1	CU	80												1	7	.060			12-13
13 49	26.540			15	1															1					13-14
14 49	26.530			14	1															1					14-15
15 56	26.510			14	0	0	SC	100												1	8	.040			15-16
16 [illegible]	[illegible]			14	1																				16-17
17 52	26.495			14	0															0					17-18
18 53	26.510			17	0															0	5	.000			18-19
19 52	26.520			18	0															0					19-20
20 52	26.520			21	0															0					20-21
21 53	26.520			22	0															0	1	.010			21-22
22 52	26.520			23	0															0					22-23
23 53	26.520			23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0345	X	0	0	X	76	68	X	X						X		
	0345	1	0	0	0	78	68		0								
	0945	2	0	0	0	95	66		0								
	1551	3	0	0	0	101	95		0								
	2150	4	0	0	0	100	77		0								
	MID.	X	0	0	0	79	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.610	26.510	26.520
BAROGRAPH 64	26.580	26.600	26.505	26.520
BAR. CORR. 65	+.010	+.010	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	4PM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
101	66	0	0	0	19	E	1505					0	0		

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-MIN. WIND SPEED ____ M.P.H. OR FASTEST MILE ____ M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0815 ±0 Sec./ 2100 ±0 Sec./ ± Sec.

WEATHER & OBSTRUCTIONS TO VISION

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

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 06 1986

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			086	76	35	01	08		993	303	EP
SA	0152	CLR	20			085	77	35	05	08		993		EP
SA	0254	CLR	20			087	74	36	04	04		993		EP
SA	0350	CLR	20			088	73	36	04	05		993	400 73 RADAT 50144	EP
SA	0449	CLR	20			091	73	35	13	04		994		AD
SA	0549	CLR	20			102	70	36	00	00		996		AD
SA	0649	CLR	20			107	79	37	00	00		997	214	AD
SA	0749	CLR	20			106	84	36	00	00		997		AD
SA	0849	CLR	20			104	90	37	00	00		997		AD
SA	0949	CLR	20			104	93	39	00	00		997	400 68	AD
SA	1049	CLR	20			096	96	40	22	15	G23	995		AD
SA	1149	CLR	20			088	97	40	21	15		993		AD
SA	1249	CLR	20			076	97	40	25	15		990	724	AD
SA	1349	CLR	20			067	98	41	22	15		987		AD
SA	1449	CLR	20			065	98	40	23	16		986		AD
SA	1558	CLR	20			063	96	40	21	14		985	614 1100 98 RADAT 20151	EP
SA	1659	CLR	20			060	95	38	23	12		984		EP
SA	1753	CLR	20			060	93	38	22	11		983		EP
SA	1854	CLR	20			059	90	38	20	07		984	503	EP
SA	1953	CLR	20			060	90	38	20	09		985		EP
SA	2052	CLR	20			064	86	37	03	06		986		EP
SA	2157	CLR	20			067	82	37	36	06		987	210 98	EP
SA	2253	CLR	20			070	82	37	02	04		988		EP
SA	2353	CLR	20			075	77	38	00	00		990		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 $2s_n$TdTdTd $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 8$N_h C_L C_M C_H$ 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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 06 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	54	26.530			23	0														0	3	.010			00-01
01	52	26.530			22	0														0					01-02
02	54	26.530			25	0														0					02-03
03	50	26.530			26	0														0	4	.000			03-04
04	49	26.540			25	0														0					04-05
05	49	26.560			29	0														0					05-06
06	49	26.570			22	0														0	2	.040			06-07
07	49	26.570			18	0														0					07-08
08	49	26.570			16	0														0					08-09
09	49	26.570			15	0														0	4	.000			09-10
10	49	26.550			15	0														0					10-11
11	49	26.530			14	0														0					11-12
12	49	26.500			14	0														0	4	.070			12-13
13	49	26.480			14	0														0					13-14
14	49	26.470			14	0														0					14-15
15	58	26.460			14	0	0	cu	90											0	6	.040			15-16
16	57	26.450			14	0														0					16-17
17	53	26.445			15	0														0					17-18
18	54	26.450			16	0														0	5	.010			18-19
19	53	26.460			16	0														0					19-20
20	52	26.470			18	0														0					20-21
21	57	26.480			20	0														0	2	.030			21-22
22	53	26.490			20	0														0					22-23
23	53	26.500			25	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						WIND (TEMP.)			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	
	MID. TO 0347	X	0	0	X	81	73	X	X						X			
	0349	1	0	0	0	81	73		0									
	0945	2	0	0	0	93	68		0									
	1551	3	0	0	0	98	93		0									
	2152	4	0	0	0	97	81		0									
	MID.	X	0	0	0	85	77	X	X						X			

STATION PRESSURE COMPUTATIONS

	TIME (L.S.T.) 0348	0950	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.570	26.460	26.480
BAROGRAPH 64	26.525	26.555	26.460	26.475
BAR. CORR. 65	+.005	+.015	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
98	68	0	0	0	25	SW	1207					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED
82	83	84	85	86	87	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 AT: 0500 ±1 Sec./ 2000 ±0 Sec./ ± Sec.

* CHANGED MICROBAROGRAPH 0955

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

☆U.S. G.P.O. 1982-564-008/1034

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 07 1986

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

TYPE	TIME (LST)	SKY AND CEILING (Hundreds of Feet)	VISIBILITY (Miles)	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP	DEW PT.	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OPERATOR'S INITIALS
		(3)	(4)	(5)								(13)	(15)
SA	0104	CLR	20		075	77	38	00	00		990	197	EP
SA	0154	CLR	20		074	79	37	00	00		990		EP
SA	0250	CLR	20		077	74	37	05	05		990		EP
SA	0352	CLR	20		078	74	34	02	06		990	400 73 RADAT 62135	EP
SA	0453	CLR	20		080	73	33	10	06		990		EP
SA	0556	CLR	20		088	72	34	07	04		992		EP
SA	0651	CLR	20		093	76	34	21	04		994	312	EP
SA	0752	CLR	20		090	85	34	24	03		994		EP
SA	0853	CLR	20		090	88	36	24	08		994		EP
SA	0950	CLR	20		093	89	35	24	15	G24	994	102 69	EP
SA	1056	CLR	20		087	92	36	21	15	G23	993		EP
SA	1151	CLR	20		081	94	37	21	13	G25	991	CU DSNT SE	EP
SA	1252	CLR	20		073	94	37	22	17	G28	989	CU DSNT SE/ 817 1100	EP
SA	1353	CLR	20		062	95	38	22	15	G25	986	CU DSNT SE	EP
SA	1451	CLR	20		060	94	38	21	17	G25	984	CU DSNT SE	EP
SA	1556	CLR	20		057	94	37	18	10	G20	983	CU W 617 1100 96 RADAT 20148	HS
SA	1650	CLR	20		058	92	35	21	14	G21	983	FEW CU	HS
SA	1753	CLR	20		055	90	32	20	12		982	FEW CU	HS
SA	1851	CLR	20		054	87	31	17	07		982	603	HS
SA	1950	CLR	20		055	85	30	16	07		983		HS
SA	2050	CLR	20		055	84	30	17	08		983		HS
SA	2151	CLR	20		062	82	30	17	04		986	310 96	HS
SA	2250	CLR	20		062	80	36	17	07		986		HS
SA	2351	CLR	20		060	80	35	18	07		986		HS

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_n$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 (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 07 1986

To convert LST to GMT ADD 2 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	52	26.500			25	0														0	1	.020			00-01
01	54	26.500			22	0														0					01-02
02	50	26.500			26	0														0					02-03
03	52	26.500			23	0														0	4	.000			03-04
04	53	26.500			23	0														0					04-05
05	56	26.520			25	0														0					05-06
06	51	26.535			22	0														0	3	.035			06-07
07	52	26.540			16	0														0					07-08
08	53	26.540			16	0														0					08-09
09	50	26.540			15	0														0	1	.005			09-10
10	56	26.530			14	0														0					10-11
11	51	26.510			14	0														0					11-12
12	52	26.490			14	0	0	Cu	90											0	8	.050			12-13
13	53	26.465			14	0														0					13-14
14	51	26.450			14	0														0					14-15
15	55	26.440			14	0	0	Cu	90											0	6	.050			15-16
16	50	26.440			13	0														0					16-17
17	53	26.430			13	0														0					17-18
18	51	26.430			13	0														0	6	.010			18-19
19	50	26.440			14	0														0					19-20
20	50	26.440			14	0														0					20-21
21	51	26.460			15	0														0	3	.030			21-22
22	50	26.460			20	0														0					22-23
23	51	26.460			20	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0348	X	0	0	X	81	73	X	X						X		
	0348	1	0	0	0	85	73		0								
	0946	2	0	0	0	90	69		0								
	1553	3	0	0	0	96	89		0								
	2149	4	0	0	0	94	81		0								
	MID.	X	0	0	0	82	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1554	2150
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.540	26.440	26.460
BAROGRAPH 64	26.500	26.530	26.440	26.455
BAR. CORR. 65	0	+.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
96	69	0	0	0	31	SW	1214					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 0520 SUNSET 1805

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 AT: 0719 ± 0 Sec./ 1955 ± 0 Sec./ ± Sec.

SP=

RS=

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

U.S.GPO:1983-0-784-006/6069

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 08 1986

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

TYPE (1)	TIME (EST) (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	0051	CLR	20			060	79	36	18	13		986	400	HS
SA	0153	CLR	20			057	78	36	17	11		985		HS
SA	0253	CLR	20			055	79	35	19	10	G17	984		HS
SA	0350	CLR	20			045	79	33	20	23	G34	981	814 78 RADAT 20141	HS
SA	0451	CLR	20			058	78	35	20	15	G27	984		HS
SA	0551	CLR	20			065	78	37	22	16	G28	986		HS
SA	0652	CLR	20			068	80	39	21	17	G32	987	117	HS
SA	0750	CLR	20			069	81	40	20	17	G28	987		HS
SA	0855	CLR	20			076	84	39	19	16	G29	989		HS
SA	0953	CLR	20			077	84	39	21	16	G29	989	107 78	HS
SA	1053	CLR	20			072	87	36	20	15	G26	988		HS
SA	1154	CLR	20			064	88	36	21	15	G26	986	FEW CI	HS
SA	1256	CLR	20			052	90	36	21	20	G34	982	820 1001	HS
SA	1350	300 - SCT	20			045	91	35	22	20	G35	980	CU DSNT NW AND SE PK WND	HS
—	—												2141/2058	—
SA	1450	300 - SCT	20			033	90	34	20	20	G30	977	CU DSNT NW	HS
SA	1554	300 - SCT	20			034	90	34	20	17	G29	977	617 1001 91 RADAT 20144	HS
SA	1652	300 - BKN	20			027	88	31	21	15	G28	974		HS
SA	1752	300 - BKN	20			027	86	29	20	15	G28	974		HS
SA	1853	300 - SCT	20			027	83	27	23	13		974	607 1001	HS
SA	1953	300 - SCT	20			034	83	30	20	14	G22	976		HS
SA	2052	300 - BKN	20			029	81	32	20	14	G24	975		HS
SA	2151	250 - SCT	20			024	79	38	19	15	G27	973	803 1001 91	HS
SA	2250	CLR	20			020	77	43	19	18	G30	972	CI SE	HS
SA	2352	CLR	20			020	75	44	19	17	G28	972		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 $1s_n$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 (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 08 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE END-ENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.) HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
00	51	26.460			21	0														0	4	.000		
01	53	26.450			22	0														0				
02	53	26.445			21	0														0				
03	50	26.420			19	0														0	8	.040		
04	51	26.450			21	0														0				
05	51	26.460			23	0														0				
06	52	26.470			23	0														0	1	.050		
07	50	26.470			23	0														0				
08	55	26.490			20	0														0				
09	53	26.490			20	0														0	1	.020		
10	53	26.480			16	0														0				
11	54	26.460			16	0														0				
12	56	26.430			15	0	0	Cl	300											0	8	.060		
13	50	26.410			14	1														0				
14	50	26.380			14	3														0				
15	54	26.380			14	5	5	Cl	300											1	6	.050		
16	52	26.360			13	7														1				
17	52	26.360			13	7														1				
18	53	26.360			13	4	4	Cl	300											0	6	.020		
19	53	26.375			15	4														1				
20	52	26.365			17	6														1				
21	51	26.350			23	2	2	Cl	250											1	8	.010		
22	50	26.340			29	0														0				
23	52	26.340			33	0														0				

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	STATE OF GRND.	SOIL TEMP.
41	42	43	44	45	46	47	48	50	56
	MID. TO 0345	X	0	0	X	81	78	X	X
	0345	1	0	0	0	82	78	0	
	0949	2	0	0	0	84	78	0	
	1552	3	0	0	0	91	84	0	
	2147	4	0	0	0	90	79	0	X
	MID.	X	0	0	0	79	75	X	

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1553	2150
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.490	26.380	26.350
BAROGRAPH 64	26.420	26.485	26.375	26.345
BAR. TEND. 65	C	1.005	[illegible]	[illegible]

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
91	75	0	0	0	41	SW	1258					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

99. 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 AT: 0642 @ 1 Sec. / 1845 @ 1 Sec. / ± ____ Sec.

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

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 09 1986

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. (Millibars) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (Tens of Degrees) (9)	WIND SPEED (Knots) (10)	WIND GUSS (Knots) (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QUALITY CONTROL (15)
SA	0050	CLR	20			015	75	42	19	14	G29	971	707	HS
SA	0152	CLR	20			015	73	40	20	16		971		HS
SA	0251	CLR	20			012	73	39	19	16	G28	970		HS
SA	0352	CLR	20			018	72	39	21	11	G23	971	500 72 RADAT 20142	HS
SA	0451	CLR	20			023	72	37	20	10	G23	972		HS
SA	0551	CLR	20			027	71	39	20	13	G19	973	AC LYR DSNT NW	HS
SA	0650	CLR	20			035	73	38	21	08	G15	976	314 1050	HS
SA	0755	CLR	20			035	74	38	22	12	G21	976	FEW AC CI	HS
SA	0854	CLR	20			035	76	36	20	16	G24	976	FEW AC	HS
SA	0952	CLR	20			042	78	38	23	14	G23	978	307 1030 20	HS
SA	1052	CLR	20			039	80	35	19	10	G20	977		HS
SA	1150	CLR	20			032	81	34	23	14	G26	974		HS
SA	1256	CLR	20			020	82	29	24	14	G25	971	820 1100	HS
SA	1356	CLR	20			011	84	30	22	14	G28	969	CU NW-N	HS
SA	1450	CLR	20			001	85	30	20	14	G23	966	CU NW-N	HS
SA	1553	CLR	20			997	84	30	23	11		965	CU NW-N 720 1100 86	/
													RADAT 34 121	HS
SA	1652	CLR	20			991	84	28	22	14	G28	963	CU NW-N	HS
SA	1750	CLR	20			995	81	25	21	14	G22	963	CU N	HS
SA	1851	CLR	20			000	78	23	21	12	G22	965	CU N 500 1100	HS
SA	1953	CLR	20			000	77	21	21	14	G20	965		HS
RS	2050	CLR	20			015	74	19	33	12	G22	969	WSHFT 40	HS
SA	2151	CLR	20			027	72	18	24	08		972	324 86	HS
SA	2251	CLR	20			038	70	15	30	07		976		HS
SA	2350	CLR	20			050	69	25	05	09		979		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 iRixhVV Nddff 1snTTT 2snTdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 09 1986

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00	50	26.330			31	0														0	7	.020			00
01	52	26.330			30	0														0					01
02	51	26.320			30	0														0					02
03	52	26.330			30	0														0	5	.000			03
04	51	26.340			28	0														0					04
05	51	26.350			31	0														0					05
06	50	26.370			28	0	0	Ac	120											0	3	.040			06
07	55	26.370			27	0														0					07
08	54	26.370			24	0														0					08
09	52	26.390			24	0	0	Ac	120											0	3	.020			09
10	52	26.380			20	0														0					10
11	50	26.360			18	0														0					11
12	56	26.330			15	0	0	Cu	90											0	8	.060			12
13	56	26.310			14	0														0					13
14	50	26.280			14	0														0					14
15	53	26.270			14	0	0	Cu	90											0	7	.060			15
16	52	26.260			13	0														0					16
17	50	26.260			13	0														0					17
18	51	26.270			13	0	0	Cu	90											0	5	.000			18
19	53	26.270			13	0														0					19
20	50	26.310			13	0														0					20
21	51	26.340			13	0														0	3	.070			21
22	51	26.370			12	0														0					22
23	50	26.400			19	0														0					23

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID TO 0348	X	0	0	X	76	72	X	X						X		
	0348	1	0	0	0	78	72		0								
	0448	2	0	0	0	78	70		0								
	1551	3	0	0	0	86	77		0								
	2149	4	0	0	0	85	71		0								
	MID.	X	0	0	0	72	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1552	2150
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.330	26.390	26.270	26.340
BAROGRAPH 64	26.325	26.390	26.270	26.335
BAR. CORR. 65	+.005	0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)		
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	
86	66	0	0	0	33	SW	0227					0	0			

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 1 MIN. WND SPEED	OR FASTEST MILE M.P.H.	M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK - CLOCK AT: 0455 ✓ | Sec./ 1955 ✓ | Sec./ ± Sec.

1553/1553

1652/1652

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

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

☆U.S.GPO:1983-0-764-006/6069

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 10 1986

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. SERVERS INITIALS (15)
SA	0052	CLR	20			063	66	28	03	09		982	230	HS
SA	0151	CLR	20			067	65	28	02	12		983		HS
SA	0251	CLR	20			077	63	30	11	03		987		HS
SA	0352	CLR	20			087	59	30	36	05		989	320 59 RADAT 44105	[illegible]
SA	0452	CLR	20			099	59	31	04	05		992		[illegible]
SA	0550	CLR	20			112	57	32	02	06		996		[illegible]
SA	0653	CLR	20			127	63	33	03	10		000	234	[illegible]
SA	0754	CLR	20			134	65	32	35	07		002		[illegible]
SA	0852	CLR	20			138	68	31	35	09		003		[illegible]
SA	0955	CLR	20			138	70	31	36	05		003	110 57	[illegible]
SA	1050	CLR	20			139	72	30	06	05		003		[illegible]
SA	1150	CLR	20			131	74	27	36	08		002		[illegible]
SA	1254	CLR	20			127	76	26	10	07		000	810	[illegible]
SA	1350	CLR	20			122	78	27	03	13		998		[illegible]
SA	1450	CLR	20			119	79	26	07	08		997		[illegible]
SA	1552	CLR	20			116	80	26	02	06		997	710 80 RADAT 20149	HS
SA	1650	CLR	20			113	80	25	07	07		996		HS
SA	1750	CLR	20			115	78	24	08	07		996		HS
SA	1852	CLR	20			117	74	26	12	04		997	50[illegible]0	HS
SA	1950	CLR	20			124	73	25	11	07		999		HS
SA	2051	CLR	20			130	67	24	09	06		000		HS
SA	2150	CLR	20			134	65	23	10	03		001	214 80	HS
SA	2250	CLR	20			133	64	25	06	06		001		HS
SA	2350	CLR	20			138	60	23	03	04		002		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 10 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 52	26.430			23	0															0	2	.090			00-01
01 51	26.440			25	0															0					01-02
02 51	26.470			29	0															0					02-03
03 52	26.490			33	0															0	3	.060			03-04
04 52	26.520			35	0															0					04-05
05 50	26.550			39	0															0					05-06
06 53	26.590			32	0															0	2	.100			06-07
07 54	26.610			29	0															0					07-08
08 52	26.620			25	0															0					08-09
09 55	26.620			24	0															0	1	.030			09-10
10 50	26.620			21	0															0					10-11
11 50	26.605			17	0															0					11-12
12 54	26.590			16	0															0	8	.030			12-13
13 50	26.580			15	0															0					13-14
14 50	26.570			14	0															0					14-15
15 52	26.560			14	0															0	7	.030			15-16
16 50	26.550			13	0															0					16-17
17 50	26.550			14	0															0					17-18
18 52	26.560			17	0															0	5	.000			18-19
19 50	26.580			16	0															0					19-20
20 51	26.590			20	0															0					20-21
21 50	26.600			20	0															0	2	.040			21-22
22 50	26.600			23	0															0					22-23
23 50	26.610			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0348	X	0	0	X	69	59	X	X						X		
	0348	1	0	0	0	72	59		0								
	0950	2	0	0	0	71	57		0								
	1550	3	0	0	0	80	70		0								
	2148	4	0	0	0	80	65		0								
	MID.	X	0	0	0	65	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.620	26.560	26.600
BAROGRAPH 64	26.490	26.620	26.565	26.600
BAR. CORR. 65	0	+0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
80	57	0	0	0	27	NE	1024					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 AT: 0616 ±1 Sec./ 1956 ±1 Sec./ ± Sec.

* BAROGRAPH CHANGED

1852/APP 500/0930 9-17

SP=

RS=

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

☆ U.S.GPO:1983-0-764-008/6089

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 11 1986**

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. (Abs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REFERENCES (15)
SA	0050	CLR	20			141	58	23	08	04		003	307	HS
SA	0150	CLR	20			139	58	24	06	05		003		HS
SA	0252	CLR	20			140	56	24	31	04		003		HS
SA	0351	CLR	20			142	56	24	34	03		004	302 SE RAINAT 20:45	SH
SA	0451	CLR	20			137	55	23	11	06		005		SH
SA	0552	250 - BKN	20			155	54	25	29	02		006		SH
SA	0654	250 - OVC	20			159	63	25	31	02		008	215 100 7	SH
SA	0751	250 - BKN	20			158	69	26	02	04		008		SH
SA	0854	250 - OVC	20			159	74	26	35	02		008		SH
SA	0952	250 - OVC	20			156	79	26	32	04		008	400 100 7 58	SH
SA	1057	250 - OVC	20			149	30	26	16	04		006		SH
SA	1151	< 250 BKN	20			141	83	28	24	06		004		SH
SA	1250	< 250 BKN	20			139	83	27	22	05		003	617 1008	SH
SA	1347	< 250 BKN	20			132	82	27	31	05		001		SH
SA	1448	250 SCT	20			128	84	28	19	07		999		SH
SA	1553	250 SCT	20			120	83	28	24	06		998	717 1002 BS RAINT 20:47	SEA
SA	1656	250 SCT	20			117	82	26	19	03		997		SEA
SA	1757	250 - SCT	20			118	80	25	26	08		997		SEA
SA	1856	250 - BKN	20			120	77	24	15	04		998	500 1001	SEA
SA	1955	250 - SCT	20			124	71	25	11	05		999		SEA
SA	2059	250 - SCT	20			121	70	19	14	09		999		SEA
SA	2156	250 - BKN	20			116	69	19	12	05		998	000 1001 85	SEA
SA	2253	250 - OVC	20			112	67	20	02	05		997		SEA
SA	2353	250 - OVC	20			110	67	21	33	03		997		SEA

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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 11 1986

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

CLOUDS AND OBSCURING PHENOMENA

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38			40	
00	50	26.620			26	0														0	3	.020				00-01
01	50	26.615			27	0														0						01-02
02	52	26.615			29	0														0						02-03
03	51	26665			29	0														0	3	.025				03-04
04	51	26655			29	0														0						04-05
05	52	26650			32	8														4						05-06
06	54	26670			28	10	10	CS	250											4	2	.045				06-07
07	51	26670			19	8														3						07-08
08	54	26670			17	10														3						08-09
09	52	26670			14	10	10	CS	250											3	4	.000				09-10
10	51	26650			14	10														5						10-11
11	51	26630			13	9														5						11-12
12	50	26620			13	9	9	CS	250											7	6	.050				12-13
13	51	26600			13	6														4						13-14
14	48	26590			13	4														4						14-15
15	53	26570			13	1	1	CI	250											1	7	.050				15-16
16	56	26.560			13	1														1						16-17
17	51	26.560			13	3														1						17-18
18	56	26.570			14	6	6	CI	250											1	5	.000				18-19
19	55	26.580			18	2														0						19-20
20	59	26.580			14	3														0						20-21
21	56	26.570			15	7	7	CI	250											2	0	.000				21-22
22	53	26.560			17	10														5						22-23
23	53	26.560			17	10														5						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0345	X	0	0	X	63	55	X	X						X		
	0345	1	0	0	0	65	55		0								
	0948	2	0	0	0	81	53		0								
	1550	3	0	0	0	85	79		0								
	2146	4	0	0	0	84	69		0								
	MID	X	0	0	0	69	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0548	0950	1553	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26647	26670	26570	26570
BAROGRAPH 64	26630	26667	26575	26565
BAR. CORR. 65	-.017	-.003	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
85	53	0	0	0	20	SW	1255					7	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED
82	83	84	85	87	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 AND DIRECTION M.P.H. | OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK-CLOCK AT: 0535 P ± 1 Sec. / 1557 PST ± 0 Sec. / ± Sec.

0451/0457

SP=

RS=

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

☆ U.S.GPO:1983-0-764-006/6069

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 1986

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 (tens of deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QUALITY CONTROL (15)
SA	0057	250 SCT	20			113	63	21	24	03		997	603 1008	SEA
SA	0154	250 SCT	20			109	63	22	05	04		996		SEN
SA	0250	250 SCT	20			105	63	20	09	04		995		SEN
SA	0353	250 SCT	20			102	64	22	16	02		994	608 1003 61	SH
	—		—			—						—	RADAT 38132	—
SA	0454	E250 BKN	20			105	60	22	12	03		994		SH
SA	0553	200 SCT 250 SCT	20			110	61	23	00	00		995		SH
SA	0654	250 SCT	20			115	65	25	33	02		996	FEW AC / 308 1071	SH
SA	0752	250 SCT	20			109	74	26	28	04		995		SH
SA	0852	CLR	20			108	78	31	17	03		995	FEW AC CI	SH
SA	0954	CLR	20			099	81	46	22	10		993	810 1101 57	SH
SA	1057	CLR	20			094	82	41	20	20	630	992	FEW CU CI	SH
SA	1152	CLR	20			087	84	37	21	20	G27	990	FEW CU CI	SH
SA	1252	CLR	20			081	85	36	21	21	G29	981	FEW CU CI / 717 1101	SH
SA	1351	CLR	20			075	86	35	20	17	G27	986	FEW CU CI	SH
SA	1448	CLR	20			070	85	34	21	15	G28	984	FEW CU CI	SH
SA	1553	CLR	20			069	84	28	20	17	G28	984	NOSL W-NW FEW CU/ 610	SEA
													1140 86 RADAT 27134	
SA	1654	CLR	20			070	82	25	21	19	G28	983	NOSL NW-N FEW CU/CI	SEA
SA	1751	CLR	20			070	80	27	21	15	G21	983	FEW CI	SEN
SA	1853	CLR	20			072	78	27	19	09		984	FEW AC OSNT NW / 506 1071	SEA
SA	1955	CLR	20			069	75	28	19	09		984	FEW CI OSNT SE	SEA
SA	2052	CLR	20			066	73	30	24	08		984		SEN
SA	2154	CLR	20			073	70	27	25	07		986	305 86	SEA
SA	2253	CLR	20			076	68	23	25	08		987	FEW CI SE	SEN
SA	2352	CLR	20			077	69	25	26	06		988	FEW CI SE	SEN

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 $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 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 (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 12 1986

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

CLOUDS AND OBSCURING PHENOMENA

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 57	26.560			20	5	5	CS	250												3	6	.010			00-01
01 54	26.550			20	1															1					01-02
02 50	26.540			19	1															1					02-03
03 53	26.535			20	1	1	CS	250												1	6	.025			03-04
04 54	26.525			23	6															5					04-05
05 55	26.545			23	4															4					05-06
06 54	26.560			22	3	0	AC	160	3	CI	250	3								2	3	.025			06-07
07 52	26.550			17	1															1					07-08
08 52	26.550			18	0															0					08-09
09 54	26.530			25	0	0	CU	100	0	CI	250	0								0	8	.030			09-10
10 51	26.515			23	0															0					10-11
11 53	26.500			19	0															0					11-12
12 52	26.480			17	0	0	CU	90	0	CI	250	0								0	7	.050			12-13
13 51	26.465			16	0															0					13-14
14 48	26.450			16	0															0					14-15
15 53	26.450			13	0	0	CU	90	0	ACSL	180	0								0	6	.030			15-16
16 54	26.440			12	0															0					16-17
17 51	26.440			14	0															0					17-18
18 53	26.450			15	0	0	AC	150												0	5	.000			18-19
19 55	26.450			18	0															0					19-20
20 52	26.450			20	0															0					20-21
21 54	26.465			20	0															0	3	.015			21-22
22 53	26.470			18	0															0					22-23
23 52	26.480			20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0349	X	0	0	X	68	61	X	X						X		
	0349	1	0	0	0	69	61		0								
	0753	2	0	0	0	36	57		0								
	1232	3	0	0	0	86	61		0								
	2151	4	0	0	0	85	70		0								
	MID.	X	0	0	0	70	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0752	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 64				
BAROGRAPH 64	26.535	26.535	26.440	26.460
BAR. CORR. 65	+.010	+.010	+.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4 AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
86	57	0	0	0	30	SW	1130Z					1	1		

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 AT: 0609Z ± 0 Sec. / 1555AST ± 1 Sec. / 2152PST ± 1 Sec.

0353 / 0353

✓ LAST OF SEVERAL OCCURRANCES

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

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

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-831)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 13 1986

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 (10s-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC REVIEWER'S INITIALS (14)
SA	0053	CLR	20			075	67	27	26	10		987	002	SEA
SA	0153	CLR	20			075	66	26	23	04		987		SEA
SA	0250	CLR	20			074	68	26	07	03		987		SEA
SA	0352	CLR	20			081	64	26	02	04		987	303 60 RAPAT 22131	SH
SA	0452	CLR	20			090	57	26	01	08		988	FEW CI	SH
SA	0553	250 SCT	20			094	58	27	04	06		990		SH
SA	0654	250 SCT	20			097	67	29	21	04		992	314 100Z	SH
SA	0752	250 SCT	20			100	69	30	22	02		993		SH
SA	0851	250 SCT	20			101	72	31	24	03		993		SH
SA	0955	250 SCT	20			103	75	31	23	07		994	205 1002 SF	SH
SA	1052	250 - BKN	20			097	80	32	27	10		992		SH
SA	1152	250 SCT	20			088	83	27	22	18	G27	988		SH
SA	1254	160 SCT E250 BKN	20			075	84	28	22	19	G27	986	72 - 1072	SH
SA	1353	160 SCT E250 BKN	20			073	83	29	21	15	G25	985		SH
SA	1450	E250 BKN	20			067	83	28	19	15	G25	984	FEW AC	SH
SA	1555	180 SCT 250 SCT	20			070	83	28	21	14	G20	985	FEW CU 25NT SE / 66 F	SEA
/	/											/	1072 85 RADAT 28130	/
SA	1655	180 SCT 250 SCT	20			079	80	28	21	11	G22	986		SEA
SA	1751	180 SCT 250 - SCT	20			076	78	30	19	13	G22	985		SEA
SA	1857	CLR	20			077	75	30	18	04		986	FEW CI / 203 100Z	SEA
SA	1955	250 - SCT	20			083	74	30	17	11		988		SEA
SA	2052	250 - SCT	20			081	75	26	20	11	G21	988		SEA
SA	2158	CLR	20			080	74	24	19	06		988	FEW CI / 107 1061 85	SEA
SA	2254	CLR	20			082	73	24	20	07		989		SEA
SA	2355	CLR	20			086	69	29	24	05		990		SEA

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

FM12-VII: IiiiiiRixhVV Nddff 1snTTT 2snTdTdTd 3P0P0P0P0 4PPPP Sappp 6RRRtR 7wwW1W2 8NhCLCMCH 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: SEP 13 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0053	26.470			22	0															0	0	.005			00-01
0158	26.470			22	0															0					01-02
0250	26.470			21	0															0					02-03
0352	26.480			23	0															0	3	.010			03-04
0452	26.490			30	0															0					04-05
0553	26.500			30	2															2					05-06
0654	26.520			24	2	2	CI	250												2	3	.040			06-07
0752	26.525			23	1															1					07-08
0851	26.530			22	1															1					08-09
0955	26.535			20	1	1	CI	250												1	2	.015			09-10
1052	26.520			17	7															2					10-11
1152	26.490			13	5															3					11-12
1252	26.470			13	9	2	AC	160	9	CI	250	9								8	7	.065			12-13
1353	26.460			14	9															8					13-14
1450	26.450			14	7															7					14-15
1555	26.450			14	4	0	CU	80	2	AC	180	2	2	CI	250	4				4	6	.020			15-16
1655	26.460			15	2															2					16-17
1751	26.450			17	2															1					17-18
1852	26.460			19	0	0	CI	250												0	2	.010			18-19
1925	26.480			19	2															0					19-20
2052	26.480			16	3															1					20-21
2158	26.480			16	0	0	CI	250												0	1	.020			21-22
2254	26.490			16	0															0					22-23
2355	26.500			23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	42	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0343	X	0	0	X	70	60	X	X						X		
	0343	1	0	0	0	70	60		0								
	0952	2	0	0	0	75	57		0								
	1549	3	0	0	0	85	75		0								
	2154	4	0	0	0	83	73		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1554	2150
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.530	26.480	26.480
BAROGRAPH 64	26.470	26.525	26.460	26.475
BAR. CORR. 65	+.010	*+.010	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4PM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	81
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
85	57	0	0	0	29	SW	1120					4	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 0525 SUNSET 1756

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 AT: 1005 P ±0 Sec. / 1552 PST ±0 Sec. / 1557 PST ±1 Sec.

* BAROGRAM CHANGED - RESET TO ZERO CUR. 0959 PST

SP=

RS=

☆U.S.GPO:1983-0-784-006/6069

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 14 1986**

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (13b)
SA	0053	CLR	20			085	69	31	23	08		990	107	SEA
SA	0153	CLR	20			089	66	31	01	06		990		SEA
SA	0252	CLR	20			082	70	31	30	04		989		SEA
SA	0349	CLR	20			090	66	34	27	05		990	500 64 RADAT 30119	AD
SA	0449	CLR	20			090	65	34	30	04		990		AD
SA	0549	CLR	20			101	61	34	01	05		992		AD
SA	0649	CLR	20			105	71	33	30	04		994	314	AD
SA	0749	CLR	20			107	76	27	22	10		995		AD
SA	0849	CLR	20			110	76	29	21	14		996		AD
SA	0949	CLR	20			110	78	26	19	20	G29	996	109 60	AD
SA	1049	CLR	20			101	79	29	22	23		994		AD
SA	1149	CLR	20			100	80	28	22	18	G30	993		AD
SA	1249	CLR	20			095	80	27	19	18	G27	992	714	AD
SA	1349	CLR	20			089	81	27	19	21	G32	990		AD
SA	1449	CLR	20			084	80	30	19	20	G31	988		AD
SA	1555	CLR	20			078	80	27	22	21	G32	986	717 82 RADAT 20151	CDB
SA	1650	CLR	20			078	79	26	21	18	G25	986		CDB
SA	1755	CLR	20			074	76	28	17	13	G18	985		CDB
SA	1852	CLR	20			080	75	27	16	12	G20	987	302	CDB
SA	1955	CLR	20			078	73	27	18	10		987		CDB
SA	2052	CLR	20			081	72	28	16	07		987		CDB
SA	2148	CLR	20			080	71	30	14	08	G18	987	302 82	CDB
SA	2250	CLR	20			082	69	30	23	10	G18	987		CDB
SA	2349	CLR	20			083	67	33	24	15		988		CDB

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:1984-0-784-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 1 4 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 53	26.500			25	0															0	1	.020			00-01
01 54	26.500			27	0															0					01-02
02 52	26.490			24	0															0					02-03
03 49	26.500			31	0															0	5	.000			03-04
04 49	26.500			32	0															0					04-05
05 49	26.520			36	0															0					05-06
06 49	26.510			25	0															0	3	.010			06-07
07 49	26.550			16	0															0					07-08
08 49	26.560			18	0															0					08-09
09 49	26.560			15	0															0	1	.020			09-10
10 49	26.540			16	0															0					10-11
11 49	26.530			15	0															0					11-12
12 49	26.520			14	0															0	7	.040			12-13
13 49	26.500			14	0															0					13-14
14 49	26.490			16	0															0					14-15
15 50	26.470			14	0															0	7	.050			15-16
16 50	26.465			14	0															0					16-17
17 55	26.460			17	0															0					17-18
18 56	26.475			17	0															0	3	.005			18-19
19 55	26.475			18	0															0					19-20
20 56	26.480			19	0															0					20-21
21 48	26.480			22	0															0	3	.005			21-22
22 50	26.480			23	0															0					22-23
23 49	26.485			28	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0345	X	0	0	X	71	64	X	X								
	0345	1	0	0	0	74	64		0								
	0945	2	0	0	0	78	60		0								
	1533	3	0	0	0	82	78		0								
	2146	4	0	0	0	81	71		0								
	MID.	X	0	0	0	71	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.480	26.470	26.488
BARO.GRAPH 64	26.490	26.545	26.465	26.480
BAR. CORR. 65	+.010	+.015	+.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4PM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
82	60	0	0	0	33	5	1315					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED
82	83	84	86	87	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 AT: 0500 ⊖1 Sec./ 2031 P ⊕0 Sec./ ± Sec.

SP=

RS=

☆ U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION 1 WBAN, DESERT ROCK NEVADA

DATE SEP 15 1986

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. (MB...) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In...) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (13b)
SA	0055	CLR	20			084	66	34	23	15	G20	988	302	008
SA	0156	CLR	20			080	64	33	23	13		987		008
SA	0256	CLR	20			083	64	33	22	08		988		008
SA	0349	CLR	20			084	64	33	23	07		987	SO2 63 BADAT 36135	AD
SA	0449	CLR	20			085	62	33	28	07		987		AD
SA	0549	250 -SCT	20			101	60	33	24	10		992		AD
SA	0649	250 -SCT	20			110	62	34	24	11		994	320 1001	AD
SA	0749	250 -SCT	20			116	65	33	25	14		996		AD
SA	0849	250 -SCT	20			124	68	27	25	16		998		AD
SA	0949	250 - BKN	20			124	69	29	24	11		998	114 1001 60	AD
SA	1049	250 - BKN	20			116	72	27	25	12		996		AD
SA	1149	250 - BKN	20			116	73	26	26	11		996		AD
SA	1249	250 - BKN	20			109	74	26	23	11		994	714 1001	AD
SA	1349	250 - BKN	20			101	75	24	30	12		992		AD
SA	1449	250 - BKN	20			098	76	20	24	17		991		AD
SA	1549	250 - SCT	20			094	75	21	22	14		990	714 1001 77 RADAT 20117	AD
SA	1651	250 - SCT	20			099	73	20	19	14		991		008
SA	1751	250-SCT	20			097	71	20	19	11		990		008
SA	1851	250 SCT	20			101	69	20	17	08		991	203 1001	008
SA	1951	250 SCT	20			109	66	19	15	06		993		008
SA	2051	250 SCT	20			112	67	19	17	08		995		008
SA	2151	250 SCT	20			113	66	21	21	12	G18	995	112 1001 77	008
SA	2249	250 SCT	20			112	61	20	04	03		994		008
SA	2350	250 SCT	20			117	56	20	02	06		995		008

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 $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 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 (1-62) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 15 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)
00 55	26.485			30	0															0	3	.005		
01 56	26.475			31	0															0				
02 56	26.480			31	0															0				
03 49	26.480			31	0															0	5	.005		
04 49	26.480			34	0															0				
05 49	26.520			36	1															0				
06 49	26.540			35	1	1	Cl	250												0	3	.060		
07 49	26.560			30	1															0				
08 49	26.580			21	5															2				
09 49	26.560			22	7	7	Cl	250												3	1	.040		
10 49	26.560			19	9															4				
11 49	26.560			17	9															4				
12 49	26.540			17	9	9	Cl	250												4	7	.040		
13 49	26.520			15	7															3				
14 49	26.510			12	7															3				
15 49	26.500			13	4	4	Cl	250												1	7	.040		
16 51	26.510			13	5															2				
17 53	26.530			14	4															1				
18 54	26.510			15	2	2	Cl	250												2	-	.020		
19 50	26.530			16	2															2				
20 53	26.545			16	2															2				
21 57	26.545			18	2	2	Cl	250												2	1	.035		
22 49	26.540			20	2															2				
23 57	26.550			24	2															2				

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.			
	MID. TO 0345	X	0	0	X	67	63	X	X					X			
	0345	1	0	0	0	71	63		0								
	0945	2	0	0	0	70	60		0								
	1545	3	0	0	0	77	69		0								
	2155	4	0	0	0	76	64		0								
	MID.	X	0	0	0	66	56	X	X					X			

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.)	0350	0950	1550	2156
ATT. THERM.				
OBSRVD. BAR.				
TOTAL CORR.				
STA. PRESS.	26.480	26.580	26.500	[illegible]
BAROGRAPH	26.475	26.575	26.500	[illegible]
BAR. CORR.	+.005	+.005	Ø	[illegible]

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4 AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
77	56	0	0	0	21	10	1454					0	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED

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 AT: 0500 +1 Sec./ 1918 +0 Sec./ ± Sec.

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

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 16 1986

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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0053	250 SCT	20			113	55	18	03	05		994	802 1001	
SA	0150	250 SCT	20			114	54	17	02	05		994		
SA	0249	250 - SCT	20			114	55	18	03	05		995		
SA	0349	250 - SCT	20			121	53	19	04	04		996	307 1001 53 RADAT 29131	
SA	0449	250 - SCT	20			123	52	22	04	06		996		
SA	0549	250 - SCT	20			133	50	24	01	05		998		
SA	0649	250 - SCT BKN	20			136	60	27	00	00		001	314 1001	
SA	0749	250 - BKN	20			144	63	27	00	00		003		
SA	0849	250 - BKN	20			151	65	26	23	07		005		
SA	0949	250 - BKN	20			149	69	27	25	06		005	114 1001 50	
SA	1049	250 - BKN	20			141	73	26	23	11		003		
SA	1149	250 - BKN	20			135	75	20	24	17		001		
SA	1249	250 - SCT	20			128	76	23	23	15	G28	998	720 1001	
SA	1349	250 - SCT	20			120	78	26	22	14		996		
SA	1449	250 - SCT	20			116	78	29	21	15		995		
SA	1550	250 - SCT	20			113	79	30	22	17	G24	994	614 1001 79 RADAT 20131	
SA	1648	250 - SCT	20			109	78	32	22	15	G25	993		
SA	1749	250 - SCT	20			107	75	34	22	20	G29	992		
SA	1855	250 - SCT	20			112	73	36	23	12	G17	994	500 1001	
SA	1950	250 SCT	20			114	72	38	22	13		996		
SA	2050	250 SCT	20			116	71	38	22	13		996		
SA	2150	250 SCT	20			115	70	37	23	13	G20	996	005 1001 79	
SA	2258	250 SCT	20			110	68	36	21	12		995		
SA	2357	250 SCT	20			108	68	35	20	13	G19	995		

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 Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 16 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 53	26.540			23	2	2	Cl	250												2	8	.005			00-01
01 50	26.540			23	2															2					01-02
02 49	26.545			23	5															2					02-03
03 49	26.560			26	5	5	Cl	250												2	3	.020			03-04
04 49	26.560			31	5															2					04-05
05 49	26.580			36	3															1					05-06
06 49	26.600			38	6	6	Cl	250												2	3	.040			06-07
07 49	26.620			25	8															2					07-08
08 49	26.640			23	8															3					08-09
09 49	26.640			21	7	7	Cl	250												2	1	.040			09-10
10 49	26.620			17	8															3					10-11
11 49	26.600			13	9															3					11-12
12 49	26.580			14	5	5	Cl	250												1	7	.060			12-13
13 49	26.560			15	4															1					13-14
14 49	26.550			17	4															1					14-15
15 50	26.540			17	3	3	Cl	250												1	6	.040			15-16
16 48	26.530			19	3															1					16-17
17 57	26.520			22	3															1					17-18
18 55	26.540			26	3	3	Cl	250												1	5	.000			18-19
19 53	26.550			29	3															2					19-20
20 52	26.560			30	3															2					20-21
21 50	26.555			30	3	3	Cl	250												3	0	.015			21-22
22 58	26.545			31	3															3					22-23
23 57	26.545			30	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0345	X	0	0	X	57	53	X	X						X		
	0345	1	0	0	0	66	53		0								
	0945	2	0	0	0	69	50		0								
	1548	3	0	0	0	79	69		0								
	2148	4	0	0	0	79	70		0								
	MID.	X	0	0	0	70	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.640	26.540	26.540
BAROGRAPH 64	26.555	26.630	26.535	26.535
BAR. CORR. 65	+.005	+.010	+.005	+0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	4PM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
79	50	0	0	0	30	SW	1307					6	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 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 AT: 0500 @1 Sec./1645 @0 Sec./ ± Sec.

0649/0649

0535/1400 802/0835 T22

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

MF1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE SEP 17 1986

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.) (10)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10s-36s) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	250 SCT	20			110	67	35	20	14	G19	995	502 1001	
SA	0150	250 SCT	20			113	66	38	26	09		996		
SA	0250	250 SCT	20			111	64	38	25	14		995		
SA	0350	250 SCT	20			116	62	39	22	09		997	203 1001 62 RADAT 25134	CH
SA	0450	250 SCT	20			120	61	38	25	05		998		CH
SA	0550	250 SCT	20			136	59	39	04	05		002		CH
SA	0650	E250 BKN	20			140	63	39	01	03		003	320 1002	CH
SA	0750	E250 BKN	20			144	66	39	24	12		004		CH
SA	0850	E250 BKN	20			140	67	37	24	12	G24	002		CH
SA	0950	250 SCT	20			130	73	36	23	15	G24	001	807 1002 59	CH
SA	1050	250 SCT	20			121	76	34	23	16	G24	999		CH
SA	1150	250 SCT	20			120	77	32	24	15	G22	999		CH
SA	1250	250 SCT	20			112	78	32	23	14	G23	997	714 1002	CH
SA	1350	250 SCT	20			101	80	33	23	15	G23	993		CH
SA	1450	250 SCT	20			090	81	34	21	16	G25	990		CH
SA	1550	160 SCT 250 SCT	20			091	81	34	21	20	G28	990	620 1044 81 RADAT 50125	WRG
SA	1650	160 SCT E250 BKN	20			086	79	32	19	12	G22	986	ACSC 5	WRG
SA	1750	160 SCT E250 BKN	20			078	78	33	22	12	G20	985	CC QUAD	WRG
SA	1852	160 SCT 250 - BKN	20			085	75	35	22	12	G20	987	507 1048	WRG
SA	1952	E160 BKN 250 BKN	20			085	73	36	22	17		987		WRG
SA	2050	160 SCT E250 BKN	20			084	73	36	21	10	G20	987		WRG
SA	2152	160 SCT 250 SCT	20			082	71	37	21	12	G20	987	802 1046 81	WRG
SA	2254	E160 BKN 250 BKN	20			076	71	37	21	14	G24	986		WRG
SA	2352	160 SCT 250 - SCT	20			076	71	36	21	14	G29	986		

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 17 19[illegible]

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 56	26.550			81	3	3	CI	250												3	5	.005			00-01
01 50	26.560			86	3															3					01-02
02 50	26.550			88	3															3					02-03
03 50	26.560			43	4	4	CI	250												4	2	.010			03-04
04 50	26.570			43	4															4					04-05
05 50	26.610			47	5															4					05-06
06 50	26.620			41	8	8	CI	E250												6	2	.060			06-07
07 50	26.630			37	8															6					07-08
08 50	26.610			33	7															5					08-09
09 50	26.600			26	4	4	CI	250												3	8	.020			09-10
10 50	26.580			22	4															3					10-11
11 50	26.580			19	3															2					11-12
12 50	26.560			19	3	3	CI	250												2	7	.040			12-13
13 50	26.530			18	3															2					13-14
14 50	26.500			19	3															2					14-15
15 50	26.500			18	4	1	ACSL	160	3	CI	250	4								3	6	.060			15-16
16 50	26.470			14	7															6					16-17
17 50	26.460			19	8															7					17-18
18 51	26.[illegible]			[illegible]	7	3	Mix	160	4	>3	[illegible]	7								11	5	[illegible]			18-19
19 54	26.480			26	9															9					19-20
20 50	26.480			26	8															6					20-21
21 52	26.475			28	4	2	ACSL	160	2	CI	250	4								3	8	.005			21-22
22 54	26.465			28	7															6					22-23
23 52	26.465			27	5															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0348	X	0	0	X	68	62	X	X						X		
	0348	1	0	0	0	70	62		0								
	0948	2	0	0	0	73	59		0								
	1548	3	0	0	0	81	72		0								
	2148	4	0	0	0	81	71		0								
	MID.	X	0	0	0	71	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.600	26.500	26.475
BAROGRAPH 64	26.550	26.580	26.500	26.475
BAR. CORR. 65	+.010	+.020	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
81	59	0	0	0	30	SW	2255Z					5	5		

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

TIME CHECK - CLOCK AT: 0753P ±0 Sec./ 2240 ±0 Sec./ ± Sec.

* Last of several occurrences

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

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

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 18 1986

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	0052	160 SCT 250 -BKN	20			074	70	36	24	10 G	18	985	805 1071	WRG
SA	0152	160 SCT 250 SCT	20			071	69	36	19	09 G	18	985		WRG
SA	0250	160 SCT 250 -SCT	20			065	69	36	21	10 G	18	983		WRG
SA	0350	160 SCT 250 SCT	20			074	66	37	23	12		986	500 1071 66 RADAT 35161	CH
SA	0450	160 SCT 250 SCT	20			082	62	38	23	12 G	20	987		CH
SA	0550	250 SCT	20			085	60	37	00	00		988		CH
SA	0650	250 SCT	20			094	63	37	22	08		990	214 1001	CH
SA	0750	CLR	20			102	64	37	20	06		992		CH
SA	0850	CLR	20			101	67	37	22	16		992		CH
SA	0950	CLR	20			096	71	39	23	15		991	003 59	CH
SA	1050	CLR	20			087	73	40	23	14		989		CH
SA	1150	CLR	20			083	74	39	23	12 G	29	988		CH
SA	1250	CLR	20			078	76	38	22	12 G	20	987	FEW 64/ 714 1100	CH
SA	1350	250 - SCT	20			070	76	39	23	10 G	20	984		CH
SA	1450	250 -BKN	20			066	76	36	24	15 G	24	982		CH
SA	1552	250 - BKN	20			064	77	35	23	12 G	20	981	717 1004 78 RADAT 20124	WRG
SA	1652	250 -SCT	20			059	76	33	20	14		980		WRG
SA	1752	250 SCT	20			055	74	33	18	12		979		WRG
SA	1852	250 -SCT	20			056	72	31	21	10 G	23	979	607 1001	WRG
SA	1952	CLR	20			061	71	27	19	10 G	18	980	[illegible]	WRG
SA	2050	CLR	20			065	68	28	22	12		981		WRG
SA	2152	CLR	20			064	66	26	24	06		981	107 1005 78	WRG
SA	2252	CLR	20			062	64	32	30	08		980		WRG
SA	2352	CLR	20			056	64	36	00	00		979		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 18 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0052	26.460			29	8	2	AC	160	6	CI	250	8								3	8	.015			00-01
0152	26.455			30	3															2					01-02
0250	26.440			30	5															2					02-03
0350	26.460			34	5	2	AC	160	3	CI	250	5								3	5	.000			03-04
0450	26.470			41	5															3					04-05
0550	26.480			42	1															1					05-06
0650	26.500			38	1	1	CI	250												1	2	.040			06-07
0750	26.520			37	0															0					07-08
0850	26.520			33	0															0					08-09
0950	26.510			31	0															0	0	.010			09-10
1050	26.490			30	0															0					10-11
1150	26.480			28	0															0					11-12
1250	26.470			25	0	0	CU	70												0	7	.040			12-13
1350	26.450			26	3															0					13-14
1450	26.430			24	7															1					14-15
1552	26.420			22	7	7	CI	250												3	7	.050			15-16
1652	26.410			21	4															2					16-17
1752	26.400			23	1															1					17-18
1852	26.400			22	1	1	CI	250												0	6	.020			18-19
1952	26.410			20	0															0					19-20
2050	26.420			22	0															0					20-21
2152	26.420			23	0	0	CI	250												0	1	.020			21-22
2252	26.410			31	0															0					22-23
2352	26.400			35	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0348	X	0	0	X	71	66	X	X						X		
	0348	1	0	0	0	71	66		0								
	0948	2	0	0	0	71	59		0								
	1548	3	0	0	0	78	71		0								
	2148	4	0	0	0	77	65	1	0								
	MID.	X	0	0	0	67	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.570	26.420	26.420
BAROGRAPH 64	26.463	26.503	26.415	26.415
BAR. CORR. 65	0	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	81
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
78	59	0	0	0	29	SW	1149					2	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 05:29 SUNSET 17:48

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 AT: 0755P ± 0 Sec./ 2330 ± 0 Sec./ ± Sec.

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/5069

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 19 1986

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0052	CLR	20			051	65	37	25	06		978	710	WRG
SA	0152	CLR	20			049	64	36	07	04		977	FEW CI NW	WRG
SA	0250	CLR	20			047	64	28	24	08		976		WRG
SA	0350	CLR	20			051	61	28	33	05		978	500 60 RADAT 36121	CH
SA	0450	250 SCT	20			052	61	30	34	07		978		CH
SA	0550	E250 BKN	20			049	63	23	29	08		977		CH
SA	0650	E250 BKN	20			055	66	24	24	15	G20	979	303 1001	CH
SA	0750	E250 BKN	20			060	66	29	23	20	G30	980		CH
SA	0850	E250 BKN	20			064	68	30	23	16	G30	981		CH
SA	0950	E250 BKN	20			072	70	31	23	22	G34	983	214 1001 59	CH
SA	1050	E250 BKN	20			068	73	31	23	20	G33	982		CH
SA	1150	250 SCT	20			068	72	30	23	18	G27	982		CH
SA	1250	250 SCT	20			059	73	28	23	15	G25	980	710 1001	CH
SA	1350	250 SCT	20			052	75	26	22	23	G32	978		CH
SA	1450	250 SCT	20			044	75	22	22	24	G34	976		CH
SA	1552	CLR	20			[illegible]	[illegible]	18	21	[illegible]	[illegible]	975	[illegible]	
													1001 75 RADAT 20114	WRG
SA	1652	CLR	20			043	73	17	19	18	G30	975		WRG
SA	1750	CLR	20			049	70	16	21	20	G40	976	PK WND 2140/~~39~~ 4	WRG
SA	1852	CLR	20			056	67	16	21	10	G18	979	310 1001	WRG
SA	1952	CLR	20			063	65	18	21	15	G26	980	FEW CI SE	WRG
SA	2050	CLR	20			066	65	15	18	12		981		WRG
SA	2152	CLR	20			073	64	15	17	10	G18	983	215 75	WRG
SA	2252	CLR	20			073	62	17	19	12	G20	983	FEW CI SE	WRG
SA	2350	CLR	20			081	60	20	00	00		985		WRG

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 $1s_n$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 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 19 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0052	26.340			36	0															0	7	.030			00-01
0152	26.385			35	0															0					01-02
0250	26.380			25	0															0					02-03
0350	26.390			28	0															0	5	.000			03-04
0450	26.390			31	5															4					04-05
0550	26.380			22	8															7					05-06
0650	26.400			20	8	8	CI	E250												6	3	.010			06-07
0750	26.410			25	8															6					07-08
0850	26.420			24	8															6					08-09
0950	26.440			21	7	7	CI	E250												5	2	.040			09-10
1050	26.430			21	6															4					10-11
1150	26.430			21	5															3					11-12
1250	26.410			19	4	4	CI	250												3	7	.030			12-13
1350	26.390			16	4															3					13-14
1450	26.370			14	3															1					14-15
1552	26.365			12	0	0	CI	450												0	6	.045			15-16
1652	26.365			12	0															0					16-17
1750	26.375			13	0															0					17-18
1852	26.395			14	0	0	CI	250												0	3	.030			18-19
1952	26.410			16	0															0					19-20
2050	26.420			14	0															0					20-21
2152	26.440			19	0															0	2	.045			21-22
2252	26.440			17	0															0					22-23
2350	26.455			21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0348	X	0	0	X	66	60	X	X								
	0348	1	0	0	0	67	60		0								
	0948	2	0	0	0	70	59		0								
	1548	3	0	0	0	75	70		0								
	2148	4	0	0	0	75	63		0								
	MID.	X	0	0	0	64	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1550	2150
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.340	26.440	26.360	26.440
BAROGRAPH 64	26.375	26.425	26.360	26.435
BAR. CORR. 65	+.015	+.015	+.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
75	59	0	0	0	40	SW	1749					5	3		

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

THUNDERSTORMS (BEGIN) PRECIPITATION OF POWDERED SUNSHINE CHARACTER OF SUNSHINE ASSOCIATED WIND

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

TIME CHECK - CLOCK AT: 0459P ±0 Sec./ 2135 ±0 Sec./ ± Sec.

1750/PK WND 240/49

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

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 20 1986

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 (tens of degrees) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			082	57	26	25	06		985	207	KRC
SA	0152	CLR	20			086	56	29	23	07		986		KRC
SA	0252	CLR	20			089	55	28	32	06		987		KRC
SA	0350	CLR	20			103	52	27	33	06		991	317 52 RADAT 38098	CH
SA	0450	CLR	20			113	50	28	33	05		993		CH
SA	0550	CLR	20			124	47	28	03	05		996		CH
SA	0650	CLR	20			130	54	30	34	04		998	220	CH
SA	0750	CLR	20			136	58	30	24	05		000		CH
SA	0850	CLR	20			139	59	30	21	08		001		CH
SA	0950	CLR	20			134	63	29	24	06		000	007 47	CH
SA	1050	250 SCT	20			126	66	29	23	06		998		CH
SA	1150	250 SCT	20			132	67	28	22	06		997		CH
SA	1250	250 SCT	20			114	70	24	27	10		994	717 1001	CH
SA	1350	250 SCT	20			111	71	22	23	13	G19	993		CH
SA	1450	250 -BKN	20			104	71	21	25	10	G20	991		CH
SA	1558	250 - OVC	20			102	71	21	22	10	G17	990	714 1002 72 RADAT 20106	JC
SA	1655	250 - BKN	20			101	70	18	27	09		989		DC
SA	1755	250 SCT	20			106	66	17	27	06		990		M
SA	1857	CLR	20			110	60	17	05	04		991	303	JC
SA	1958	CLR	20			116	56	16	03	04		993		DC
SA	2056	CLR	20			122	53	16	09	04		994		DC
SA	2156	CLR	20			122	51	16	05	03		994	110 72	DC
SA	2257	CLR	20			121	50	16	00	00		994		DC
SA	2358	CLR	20			120	50	17	00	00		994		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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 20 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0052	26.460			30	0															0	2	.020			00-01
0152	26.470			36	0															0					01-02
0250	26.480			36	0															0					02-03
0350	26.510			38	0															0	3	.050			03-04
0450	26.530			42	0															0					04-05
0550	26.550			48	0															0					05-06
0650	26.570			40	0															0	2	.060			06-07
0750	26.590			34	0															0					07-08
0850	26.600			33	0															0					08-09
0950	26.590			28	0															0	0	.020			09-10
1050	26.570			25	1															1					10-11
1150	26.560			23	1															1					11-12
1250	26.540			19	3	3	CI	250												3	2	.050			12-13
1350	26.530			16	5															3					13-14
1450	26.510			15	7															3					14-15
1558	26.500			15	10	10	CI	250												5	7	.040			15-16
1655	26.495			14	9															4					16-17
1755	26.500			15	1															1					17-18
1857	26.510			18	0															0	3	.010			18-19
1958	26.525			20	0															0					19-20
2056	26.540			23	0															0					20-21
2156	26.540			25	0															0	1	.030			21-22
2257	26.540			26	0															0					22-23
2358	26.540			27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0348	X	0	0	X	61	52	X	X								
	0348	1	0	0	0	64	52		0								
	0948	2	0	0	0	64	47		0								
	1550	3	0	0	0	72	62		0								
	2149	4	0	0	0	71	51		0								
	MID.	X	0	0	0	52	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.570	26.500	26.540
BAROGRAPH 64	26.500	26.590	26.515	26.550
BAR. CORR. 65	-.010	0	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)		
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	
72	47	0	0	0	20	SW	1447					3	2			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05 30 SUNSET 17.45

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 AT: 0311P ±0 Sec./ 2000P ±0 Sec./ ± Sec.

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

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

☆ U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 21 1986

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 (100-36) (9)	WIND SPEED (Nts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0057	CLR	20			120	49	17	11	03		995	302	DC
SA	0155	CLR	20			121	48	17	00	00		996		DC
SA	0254	CLR	20			121	48	16	11	05		996		DC
SA	0351	CLR	20			127	48	16	12	06		996	305 46 RADAT 30100	CRD
SA	0450	CLR	20			131	46	15	11	05		997		CRD
SA	0550	CLR	20			140	45	17	11	03		999		CRD
SA	0651	CLR	20			147	51	17	16	03		001	214	CRD
SA	0750	CLR	20			150	58	18	06	03		002		CRD
SA	0850	CLR	20			147	66	19	23	03		003		CRD
SA	0953	CLR	20			150	69	20	24	08		003	207 44	CRD
SA	1050	250-SCT	20			144	70	21	31	05		002		CRD
SA	1152	250-SCT	20			136	72	20	20	06		999		CRD
SA	1250	250-SCT	20			125	72	20	30	05		996	120 1001	CRD
SA	1351	250 SCT	20			117	73	19	24	04		994		CRD
SA	1450	250 SCT	20			105	77	18	26	08		991		CRD
SA	1557	250 SCT	20			102	75	17	21	16	422	990	6~~11~~ 20 1002 77 RADAT 28109	SEA
SA	1655	250 SCT	20			101	73	16	25	12		990		SEA
SA	1752	250 SCT	20			105	70	15	24	10		990		SEA
SA	1857	250 SCT	20			108	66	13	24	08		991	303 1002	SEA
SA	1949	CLR	20			110	64	12	02	04		992	CI SE	SEA
SA	2050	CLR	20			105	65	11	11	03		992	CI SE	SEA
SA	2150	CLR	20			109	62	12	26	03		993	CI SE / 207 1002 77	SEA
SA	2250	CLR	20			107	58	12	29	04		992		SEA
SA	2353	CLR	20			108	53	12	05	06		992		SEA

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 $1s_n$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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 21 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE END-ENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.) HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0057	26.545			28	0															0	3	.005		00-01
0155	26.550			29	0															0				01-02
0254	26.550			28	0															0				02-03
0351	26.560			27	0															0	3	.015		03-04
0450	26.565			28	0															0				04-05
0550	26.585			32	0															0				05-06
0651	26.600			26	0															0	2	.040		06-07
0750	26.610			21	0															0				07-08
0850	26.615			16	0															0				08-09
0953	26.620			15	0															0	2	.020		09-10
1050	26.615			16	1															0				10-11
1152	26.585			14	1															0				11-12
1250	26.560			14	1	1	CI	250												0	7	.060		12-13
1351	26.535			13	1															1				13-14
1450	26.510			11	1															1				14-15
1557	26.580			11	1	1	CI	250												1	6	.060		15-16
1655	26.485			11	1															1				16-17
1758	26.495			12	1															1				17-18
1857	26.510			12	1	1	CI	250												1	3	.010		18-19
1949	26.520			13	0															0				19-20
2050	26.520			12	0															0				20-21
2150	26.530			14	0	0	CI	250												0	2	.020		21-22
2250	26.520			16	0															0				22-23
2353	26.520			20	0															0				23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0348	X	0	0	X	52	46	X	X						X		
	0348	1	0	0	0	52	46		0								
	0950	2	0	0	0	70	44		0								
	1554	3	0	0	0	77	68		0								
	2047	4	0	0	0	75	60		0								
	MID.	X	0	0	0	63	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1557	2150	
ATT. THERM. 60					
OBSERVD. BAR. 61					
TOTAL CORR. 62					
STA. PRESS. 63	26.560	26.620	26.580	26.530	
BAROGRAPH 64	26.570	26.630	26.580	26.525	
BAR. CORR. 65	-.010	0*	+.020	+.025	

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	7AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
77	44	0	0	0	24	W	1502					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

99. 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 1-MINUTE WIND SPEED (M.P.H.) OR FASTEST MILE (M.P.H.)	ASSOCIATED DIRECTION	TIME	

TIME CHECK - CLOCK AT: 1000 PST ± 0 Sec. / 1555 PST ± 0 Sec. / 2148 PST ± 0 Sec.

* BAROGRAPH CHART CHANGED

1557/1556

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

MF1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 22 1986

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

SURFACE WEATHER OBSERVATIONS

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

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=360) (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			110	51	12	00	00		992	603	SEA
SA	0152	CLR	20			113	50	14	00	00		993		SEA
SA	0251	CLR	20			111	49	12	14	03		993		SEA
SA	0350	CLR	20			116	51	13	05	03		994	307 48 RADAT 26106	CRD
SA	0451	CLR	20			119	47	14	11	03		994		CRD
SA	0550	250 SCT	20			121	45	14	33	04		994		CRD
SA	0652	250 SCT	20			120	54	15	33	04		995	302 1001	CRD
SA	0751	CLR	20			121	62	19	22	03		996	FEW CI	CRD
SA	0851	CLR	20			118	61	15	22	01		996	FEW CI	CRD
SA	0950	CLR	20			116	71	17	21	06		995	002 1001 45	CRD
SA	1050	CLR	20			113	73	18	18	05		994		CRD
SA	1151	CLR	20			103	74	19	24	10		991		CRD
SA	1252	CLR	20			100	75	20	18	03		990	717	CRD
SA	1350	CLR	20			088	77	21	20	12	G21	986	FEW CI	CRD
SA	1450	160 SCT 250 SCT	20			088	77	23	20	13	G18	986		CRD
SA	1552	120 SCT 250 SCT	20			080	76	18	22	11	G22	985	717 1078 77 RADAT 40105	SEA
SA	1652	120 SCT 250 SCT	20			088	73	18	23	12	G20	986		SEA
SA	1751	120 SCT 250 SCT	20			090	71	18	22	16	G20	986		SEA
SA	1852	120 SCT 250 SCT	20			086	69	20	20	13	G20	986	103 1072	SEA
SA	1956	E120 BKN 250 BKN	20			089	67	20	02	05		987		SEA
SA	2055	E120 BKN	20			088	65	19	05	04		988		SEA
SA	2157	E120 OVC	20			089	62	28	00	00		988	107 1071 77	SEA
SA	2258	E120 BKN	20			088	62	29	31	06		988		SEA
SA	2356	E100 OVC	20			082	62	38	31	06		987		SEA

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:1984-0-704-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 22 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0052	26.520	.		21	0															0	6	.010			00-01
0152	26.530			23	0															0					01-02
0251	26.530			22	0															0					02-03
0350	26.540	.		22	0															0	3	.020			03-04
0451	26.540			26	0															0					04-05
0550	26.540			28	1															1					05-06
0652	26.545	.		21	1	1	Cu	250												1	3	.005			06-07
0752	26.555			15	0															0					07-08
0851	26.555			12	0															0					08-09
0950	26.550	.		13	0	0	Cu	250												0	0	.005			09-10
1050	26.540			12	0															0					10-11
1151	26.510			12	0															0					11-12
1252	26.500	.		13	0															0	7	.050			12-13
1350	26.470			12	0															0					13-14
1450	26.470			13	1															1					14-15
1556	26.450	.		11	2	2	AC	120	0	Cl	250	2								2	7	.050			15-16
1657	26.460			12	3															3					16-17
1751	26.460			13	2															2					17-18
1852	26.460	.		16	3	2	AC	120	1	Cl	250	3								3	1	.010			18-19
1956	26.475			16	6															5					19-20
2055	26.480			17	6															4					20-21
2157	26.480	.		27	10	10	AC	E120												10	1	.020			21-22
2252	26.480			29	8															8					22-23
2356	26.470			41	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	
	MID. TO 0348	X	0	0	X	54	48	X	X						X			
	0348	1	0	0	0	63	48		0									
	0948	2	0	0	0	71	45		0									
	1552	3	0	0	0	77	71		0									
	2155	4	0	0	0	76	61	X	0									
	MID.	X	0	0	0	64	61	X	X						X			

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1556	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.550	26.450	26.480
BAROGRAPH 64	26.510	26.540	26.440	26.465
BAR. CORR. 65	+.030	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4 AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
77	45	0	0	0	23	SW	1759✓					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 0532 P SUNSET 1742 P

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 AT: 0700 P ± 0 Sec. / 1554 PST ± 0 Sec. / 2153 PST ± 0 Sec.

✓ LAST OF SEVERAL OCCURRANCES

SP=

RS=

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

☆U.S.GPO:1983-0-784-006/6069

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 23 1986

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 (10s-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIM. SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	E 110 BKN	20			086	62	38	31	07		988	500 1070	SEA
SA	0155	E 90 BKN	20			078	62	39	16	10		986		SEA
SA	0250	60 SCT E 110 OVC	20			080	58	44	21	04		986	FEW SMK B/NOVC	SEA
SA	0352	M 60 BKN	20			080	60	37	29	07		985	607 1500 98 RADAT 83103	CRD
SA	0454	M 65 OVC	20			086	58	37	34	08		986	B1NOVC NC	CRD
SA	0550	M 70 BKN	20			087	56	40	33	06		986		CRD
SA	0650	M 70 BKN	20			081	57	45	05	08		986	RBOTE K7 RWU NW-N /002.00 1500	CRD
SA	0752	M 65 BKN	20			082	59	43	03	11		985		CRD
SA	0852	65 SCT	20			078	63	42	07	04		984		CRD
SA	0951	65 SCT	20			075	65	43	19	06		983	TCU N-NE/ 70800 1200 56	CRD
SA	1052	E 65 BKN	20			064	66	43	20	07		980	TCU NW-NE	CRD
SA	1151	65 SCT	20			052	68	42	24	10		976		CRD
SA	1251	65 SCT	20			041	69	41	28	09	G18	973	MDT CU ALQDS/ 930 1200	CRD
SA	1350	65 SCT	20			028	69	39	25	07	G21	970	MDT CU ALQDS	CRD
SA	1451	65 SCT	20			023	68	37	23	12	G19	968	CB NE-E	CRD
SA	1556	75 SCT	20			015	69	23	23	15	G22	966	CB NE-E / TR4 1300 71	SEA
													RADAT 58099	
SA	1656	75 SCT	20			012	67	20	23	11	G19	965	CB AND RWU NE-E TCU SW	SEA
SA	1758	75 SCT 200 SCT	20			011	64	26	22	11		964	CB N-NE-E MOVG N-W RWU NE-E	SEA
SP	1816	75 SCT 200 SCT	20		T				22	10		964	TB16 NE-E MOVG NNW OCNL	
						LTG	IC	CG	CA	NE			MDT CU AND VIRGN W RWU NE	
SA	1855	75 SCT E100 BKN 200 BKN	20		T	015	63	26	21	08		965	TB16 NE MOVG NNW OCNL	SEA
						LTG	CG	CA	NE				MDT CU AND RWU W / 503 1963	
SP	1920	75 SCT E 110 BKN	20						21	10		966	TE20 DSIPT D	SEA
SP	1945	55 SCT E100 BKN	20		T				22	06		966	TB43 E MOVG NNW OCNL	SEA
						LTG	CG	CA	E	CB	ANA	OCNL	LTGCG SE TE20	
SA	1957	55 SCT E90 BKN	20		T	018	62	25	22	08		966	TB43 E MOVG NNW OCNL	SEA
						LTG	CG	IC	CA	E	CB AND	OCNL	LTGCG SE MOVG N	
SP	2007	55 SCT E90 BKN	20						20	06		966	TE07 DSIPTD CA AND OCNL	SEA
						LTG	IC		DSNT E		MOVG N		CB SE DSIPTD	
SA	2057	55 SCT 90 SCT	20			022	54	27	24	07		967	TE07 DSIPTD OCNL LTG DSNT E	SEA
SA	2156	90 SCT	20			018	56	30	09	03		966	003 1060 71	SEA
SA	2256	CLR	20			011	53	30	02	03		964	FEW SC/AC	SEA
SA	2356	CLR	20			008	51	31	13	03		962	FEW AC	SEA

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 $2s_n$TdTdTd $3P_oP_oP_oP_o$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: SEP 23 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 52	26.480	·		40	9	9	AC	E110												9	5	.000			00-01
01 55	26.460			43	9															9					01-02
02 50	26.460			59	10															10					02-03
03 52	26.460	·		42	8	8	SC	M60												8	6	.060			03-04
04 54	26.470			46	10															9					04-05
05 50	26.490			55	8															8					05-06
06 50	26.460	·		64	7	7	SC	M70												7	0	.005			06-07
07 52	26.455			55	7															7					07-08
08 52	26.450			46	5															5					08-09
09 51	26.440	·		43	5	5	CU	65												5	7	.025			09-10
10 52	26.410			43	6															6					10-11
11 51	26.380			39	4															4					11-12
12 51	26.350	·		33	4	4	CU	65												4	7	.090			12-13
13 50	26.320			32	3															3					13-14
14 51	26.300			32	2															2					14-15
15 56	26.280	·		17	2	2	CB	75												2	7	.070			15-16
16 56	26.270			17	4															4					16-17
17 58	26.260			24	4															4					17-18
18 55	26.270	·		25	7	3	CB	75	5	AC	E100	7	1	CI	200	7				7	5	.010			18-19
19 57	26.280			25	7															7					19-20
20 57	26.290			29	2															2					20-21
21 56	26.280	·		37	1	1	AC	90												1	0	.010			21-22
22 56	26.260			41	0															0					22-23
23 56	26.250			47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 03-48	X	0	0	X	63	58	X	X								
	0348	1	0	0	0	64	58		0								
	0947	2	T	0	0	65	56		0								
	1552	3	0	0	0	71	65		0								
	2153	4	0	0	0	69	55		0								
	MID.	X	0	0	0	56	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1556	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.40	26.440	26.280	26.280
BAROGRAPH 64	26.450	26.425	26.260	26.260
BAR. CORR. 65	+.010	+.015	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER TOP (Ins.)	FROZEN GROUND LAYER BASE (Ins.)	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
71	50	T	0	0	25	SW	1542					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0607	0627			
T	1816	1920			
T	1943	2007			

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 AT: 0900 ± 0 Sec. 1553 PST ± 0 Sec. 2154 PST ± 0 Sec.

✓ END OF T

1816/1816 1957/TE20/0900-25

1945/1946

2057/2057

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-008/6069

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 24 1986**

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. TEMP (°F) (8)	WIND DIRECTION (10's) (9)	WIND SPEED (KNOTS) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0057	CLR	20			008	53	32	28	05		962	FEW AC / 610 1030	SEA
SA	0153	CLR	20			005	49	32	06	10		961	FEW CI	SEA
SA	0251	CLR	20			000	49	33	33	03		960	FEW CI	SEA
SA	0353	CLR	20			005	49	33	05	03		961	603 1001 48 RADAT 58086	CRD
SA	0452	70 SCT 140 SCT 250 SCT	20			006	51	36	28	06		961		CRD
SA	0558	70 SCT E140 BKN 250 BKN	20			009	52	35	28	10		962		CRD
SA	0653	70 SCT 140 SCT 250-BKN	20			009	56	36	26	10	G 19	963	305 1571	CRD
SA	0754	140 SCT E250 BKN	20			1006	58	35	22	13	G 19	964		CRD
SA	0858	140 SCT 250-BKN	20			017	61	37	19	17	G 25	965		CRD
SA	0954	140 SCT E250 OVC	20			018	62	38	20	16	G 22	965	107 1077 48	CRD
SA	1049	140 SCT E200 OVC	20			017	63	38	20	18	G 27	964		CRD
SA	1153	E 140 BKN 200 OVC	20			019	62	39	21	18	G 31	964	FEW CU SE	CRD
SA	1259	60 SCT 140 SCT E200 OVC	20			024	62	38	20	18	G 25	966	303 1577	CRD
SA	1350	60 SCT 140 SCT E200 OVC	20		[illegible]	018	63	39	18	12		964		CRD
SA	1499	50 SCT E140 BKN 200 OVC	20			008	63	43	20	20	G 37	961	RWY SE PK WND 1939/33	CRD
SD	1552	50 SCT 140 SCT E200 BKN	20			004	65	45	19	20	G 43	960	PK wnd 1943/42 / 719	[illegible]
													1578 65 RADAT 984 097/02/109	CMK
SA	1653	50 SCT 140 SCT	20			004	62	45	19	22	G 37	960	PK wind 1943/04	KDA
SA	1752	50 SCT 140 SCT	20			008	62	44	19	20	G 30	961	PK wnd 1939/21	KRG
SD	1852	50 SCT 140 SCT	20			009	61	44	21	15	G 32	962	PK wnd 2140/35 / 307 1570	CMK
SA	1952	50 SCT E140 BKN	20			016	60	43	22	24	G 31	964	PK wnd 2140/01	KRG
SA	2050	E50 BKN 140 BKN	20			019	59	44	21	16	G 30	965		KRG
SD	2151	E50 BKN 140 BKN	20			016	58	45	21	12	G 26	964	007 1570 65	KRG
SD	2252	50 SCT 140 SCT	20			019	57	45	22	14	G 24	965		KRG
SA	2352	50 SCT	20			020	57	43	22	20	G 26	965		WLK

A synoptic observation using WMO code FM12-VII, as described in FMH-__, 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **SEP 24 1986**

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	61
0057	26.250			45	0	0	Ac	100												0	6	.030			00-01
0153	26.240			52	0															0					01-02
0251	26.230			52	0															0					02-03
0353	26.240			54	0	0	Cl	250												0	6	.010			03-04
0452	26.240			56	3															3					04-05
0553	26.250			52	7															7					05-06
0653	26.255			47	7	1	Sc	10	2	Ac	140	3	4	Cl	250	7				3	3	.015			06-07
0754	26.270			42	8															7					07-08
0853	26.275			41	6															3					08-09
0954	26.275			41	10	2	Ac	140	8	Cs	E250	10								8	1	.020			09-10
1049	26.270			39	10															10					10-11
1153	26.270			43	10															10					11-12
1257	26.265			41	10	1	Sc	60	4	Ac	140	5	5	Cs	E200	10				9	3	.010			12-13
1350	26.265			41	10															10					13-14
1449	26.260			48	10															10					14-15
1552	26.250			48	7	2	Sc	50	3	Ac	140	5	2	Cs	E200	7				6	7	.055			15-16
1653	26.250			53	4															4					16-17
1752	26.240			52	5															5					17-18
1852	26.250			54	5	3	Sc	50	2	Ac	140	5								5	3	.040			18-19
1952	26.270			52	6															6					19-20
2050	26.280			56	7															7					20-21
2152	26.270			62	8	6	Sc	E50	2	Ac	140	8								8	0	.020			21-22
2252	26.280			63	4															4					22-23
2352	26.280			59	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50								
	MID. TO 0350	X	0	0	X	53	48	X	X						X		
	0350	1	0	0	0	56	48		0								
	0950	2	0	0	0	62	49		0								
	1548	3	0	0	0	65	61		0								
	2148	4	0	0	0	65	58		0								
	MID.	X	0	0	0	58	57	X	X						X		

STATION PRESSURE COMPUTATIONS

	0352	0953	1550	2150
TIME (L.S.T.) 59				
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.240	26.275	26.230	26.270
BAROGRAPH 64	26.220	26.265	26.210	26.250
BAR. CORR. 65	+.020	+.010	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	81
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
65	48	0	0	0	43	S	1604*					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 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 AT: 0500P ± 0 Sec./ 2143 ± 0 Sec./ ____ ± ____ Sec.

0754/SLP 016/0859P

1350/1351 SLP 018

2150/WSO 2152/452

*Last of several occurances

SP=

RS=

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

☆U.S.GPO:1983-0-784-006/6069

MF 1-10A (5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 25 1990

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4a)	VISIBILITY (Miles) TOWER (4b)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13a)	OBSERVER'S INITIALS (13b)
SA	0053	50 SCT	20			023	57	42	22	20	G32	967	PK WND 2238/35 / 201 1300	KRR
SA	0153	50 SCT	20			028	56	42	22	20	G33	967		KRR
SA	0250	50 SCT	20			041	55	38	21	22	G37	968		KRR
SA	0357	50 SCT	20			025	54	31	21	16	G30	968	302 1900 54 RAPAT 54087	KD
SA	0454	CLR	20			030	54	36	24	13	G25	969	CU S	RD
SA	0551	CLR	20			035	53	35	19	14	G25	970		RD
SA	0652	CLR	20			044	56	34	21	12	G22	972	215 1100	RD
SA	0755	CLR	20			043	59	31	23	10		972		RD
SA	0851	CLR	20			047	61	32	23	17		974		RD
SA	0953	CLR	20			050	62	32	21	17		974	307 1100 53	RD
SA	1052	50 SCT	20			050	63	33	21	21	G32	974		RD
SA	1154	50 SCT	20			048	64	34	21	19		974		RD
SA	1251	50 SCT	20			046	65	32	21	18		973	503 1100	RD
SA	1357	50 SCT	20			044	65	31	23	20		973		RD
SA	1451	50 SCT	20			046	65	33	19	12		973		RD
SA	1552	80 SCT	20			048	64	32	20	14	G28	973	500 1100 67 RADAT 73088	KRR
SA	1652	80 SCT	20			050	63	33	21	10	G20	974		KRR
SA	1752	CLR	20			052	61	33	21	11	G15	974	FU CU DSNT NW	KRR
SA	1852	CLR	20			051	60	32	21	16	G20	974	103 1100	KRR
SA	1952	CLR	20			057	59	31	23	12	G20	976		KRR
SA	2050	CLR	20			062	58	32	24	11		978		KRR
SA	2150	CLR	20			074	56	31	26	09		981	220 67	KRR
SA	2250	CLR	20			077	55	31	26	11		982		KRR
SA	2350	CLR	20			089	55	31	07	08		985	~~VOPD SMWC NW~~ FEW SC NE	KRR

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 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:1984-0-784-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 25 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0053	26.290			56	4	4	3c	50												4	2	.020			00-01
0152	26.290			58	3															3					01-02
0250	26.280			52	3															3					02-03
0357	26.295			53	2	2	Cb	50												2	3	.005			03-04
0454	26.305			51	0															0					04-05
0551	26.315			50	0															0					05-06
0652	26.310			43	0	0	Cu	50												0	2	.045			06-07
0755	26.340			35	0															0					07-08
0851	26.355			23	0															0					08-09
0955	26.360			32	0	0	Cu	50												0	3	.020			09-10
1052	26.360			33	1															1					10-11
1154	26.360			33	2															2					11-12
1251	26.350			29	2	2	Cu	50												2	3	.010			12-13
1351	26.345			28	2															2					13-14
1457	26.350			30	2															2					14-15
1552	26.350			30	3	3	Cu	80												3	5	.000			15-16
1652	26.360			32	1															1					16-17
1752	26.360			34	0															0					17-18
1852	26.360			35	0	0	Cu	80												0	1	.010			18-19
1952	26.375			35	0															0					19-20
2050	26.390			37	0															0					20-21
2150	26.420			38	0															0	2	.060			21-22
2250	26.430			40	0															0					22-23
2350	26.455			43	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. T51																
	0348	1	0	0	0	58	54		0								
	0948	2	0	0	0	63	53		0								
	1548	3	0	0	0	67	62		0								
	2048	4	0	0	0	65	56		0								
	MID.		0	0	0	56	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0316	0959	1550	2150
ATT. THERM. 60				
CHANNEL BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.315	26.360	26.350	26.420
BAROGRAPH 64	26.280	26.36-	26.345	26.415
BAR. CORR. 65	+.013	+.0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
67	52	0	0	0	38	SW	0035					1	1		

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 1-MINUTE WIND SPEED ____ M.P.H. OR FASTEST MILE ____ M.P.H. | ASSOCIATED DIRECTION | NAME

TIME CHECK-CLOCK AT: 0600 ± 0 Sec./ 2350 ± 0 Sec./ ± Sec.

* Changed and Reset Mirror-bargraph to Zero

2350/2350

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 26 1986

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			098	50	31	03	08		987	319	WRG
SA	0152	CLR	20			099	48	31	03	07		987		WRG
SA	0250	CLR	20			104	46	31	35	09		988		WRG
SA	0350	CLR	20			112	45	31	10	03		991	212 44 RADAT 59070	RD
SA	0453	CLR	20			119	42	30	04	05		992		RD
SA	0551	CLR	20			127	41	31	07	03		991		RD
SA	0650	CLR	20			131	48	32	22	03		996	215	RD
SA	0752	CLR	20			130	54	35	32	04		997		RD
SA	0853	CLR	20			130	58	36	23	07		997		RD
SA	0953	CLR	20			127	61	34	24	12		997	002 40	RD
SA	1051	200 - SCT	20			124	63	34	23	16		996		RD
SA	1151	200 - SCT	20			111	66	34	24	14	26	992		RD
SA	1254	200 - SCT	20			105	68	31	23	12		990	308 1005	RD
SA	1355	E200 BKN	20			103	68	30	19	14		989		RD
SA	1451	E200 BKN	20			103	67	23	23	19		989		RD
SA	1552	E230 BKN	20			105	66	25	22	12	G20	989	502 1008 69 RAUUT 20112	WRG
SA	1652	E230 BKN	20			108	65	27	20	10	G18	989		WRG
SA	1752	E230 BKN	20			108	64	29	20	11		988		WRG
SA	1852	230 - BKN	20			098	64	28	17	03		986	308 1003	WRG
SA	1954	230 - SCT	20			095	61	27	00	00		986		WRG
SA	2052	230 - SCT	20			097	59	27	00	00		987		WRG
SA	2152	140 SCT 230 - BKN	20			088	59	26	06	04		985	803 1078 69	WRG
SA	2252	140 SCT 230 - SCT	20			085	61	26	20	06		985		WRG
SA	2352	140 SCT 230 - SCT	20			077	60	28	21	04		983		WRG

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 Nddf_f $1s_n$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 (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 26 1986

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

SURFACE WEATHER OBSERVATIONS

CLOUDS AND OBSCURING PHENOMENA

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	LOWEST LAYER AMT	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION (HEM.)	THIRD LAYER AMT	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OBSCURING PHENOMENA	PRESSURE TENDENCY	3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
00	52	26475			48	0														0	3	.055		
01	52	26480			51	0														0				
02	50	26490			56	0														0				
03	50	26510			58	0														0	2	.035		
04	53	26520			62	0														0				
05	51	26540			68	0														0				
06	50	26555			54	0														0	2	.045		
07	52	26560			49	0														0				
08	53	26565			44	0														0				
09	53	26560			36	0														0	0	.005		
10	51	26550			34	1														0				
11	51	26520			31	3														1				
12	54	26500			25	4	4	CS	200											2	8	.060		
13	53	26495			24	6														4				
14	51	26490			19	7														4				
15	52	26495			21	8	8	CS	1230											6	5	.005		
16	52	26495			24	7														6				
17	52	26490			26	7														7				
18	52	26470			26	6	6	CS	230											3	8	.025		
19	52	26470			28	5														2				
20	52	26480			29	3														1				
21	52	26460			29	8	2	AC	140	6	CS	230	8							4	8	.010		
22	52	26455			26	5														2				
23	52	26440			29	4														1				

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50								
	MID. TO 0348	X	0	0	X	53	44	X	X						X		
	0348	1	0	0	0	56	44		0								
	0944	2	0	0	0	62	40		0								
	1548	3	0	0	0	69	61		0								
	2148	4	0	0	0	66	57		0								
	MID.	X	0	0	0	62	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0852	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26510	26580	26495	26460
BAROGRAPH 64	26500	26553	26495	26460
BAR. CORR. 65	+.010	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
69	40	0	0	0	30	SW	1246					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:35 SUNSET 17:36

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

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

TIME CHECK - CLOCK AT: 0801 ± 0 Sec./ 2254 ± 0 Sec./ ± Sec.

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

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 27 1986

TO CONVERT LST TO GMT: ADD 6 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. TEMP. (°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	E120 BKN 230 BKN	20			077	58	27	06	05		983	607 1078	WRG
SA	0152	E120 BKN 230 OVC	20			075	62	16	23	11		983		WRG
SA	0250	E120 BKN 230 OVC	20			076	57	31	24	13		983		WRG
SA	0355	E150 BKN 200 OVC	20			085	55	34	23	13		985	305 1078 55 RAOAT 30110	KD
SA	0451	E150 BKN 200 OVC	20			084	55	33	24	11		984		KD
SA	0555	E150 BKN 200 OVC	20			092	55	33	24	12		987		KD
SA	0659	E150 BKN	20			095	55	35	24	05		988	308 1070	KD
SA	0753	E150 BKN	20			102	56	34	24	10		989		KD
SA	0852	E150 OVC	20			110	58	35	22	12		992		KD
SA	0955	E150 BKN 170 OVC	20			117	58	36	25	10		994	219 107/ 55	KD
SA	1053	E150 BKN 170 OVC	20			114	59	36	25	08		993		KD
SA	1156	E150 BKN 170 OVC	20			111	61	35	25	07		992	E/NOVC OVHD	KD
SA	1250	E150 BKN 170 OVC	20			109	61	35	24	12		992	709 1070/	KD
SA	1355	E150 BKN 170 BKN	20			105	60	35	25	08		991		KD
SA	1451	E150 BKN 170 BKN	20			104	62	35	23	08		990		KD
SA	1652	120 SCT E180 BKN 250 BKN	20			105	62	34	22	10		990	605 1578 63 RAOAT 62087	WRG
SA	1652	120 SCT E180 BKN	20			109	61	33	26	09		991		WRG
SA	1752	120 SCT E180 BKN	20			114	60	33	24	12		992		WRG
SA	1852	120 SCT 180 SCT	20			115	58	33	22	09		992	107 1570	WRG
SA	1952	120 SCT 180 SCT	20			119	56	33	00	00		993		WRG
SA	2050	120 SCT	20			123	53	32	04	06		994		WRG
SA	2150	E120 BKN	20			129	52	32	00	00		995	210 1500 63	WRG
SA	2252	E120 BKN	20			126	50	32	16	05		994		WRG
SA	2352	120 SCT	20			120	50	34	00	00		995		WRG

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 $2s_n$TdTdTd $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 27 1986

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

CLOUDS AND OBSCURING PHENOMENA

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3 HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
0052	26.440			30	9	6	Ac	E120	3	Cs	230	9								7	6	.020			00-01
0152	26440			17	10															7					01-02
0250	26.440			37	10															7					02-03
0355	26455			45	10	8	Ac	E150	2	Cs	200	10								10	3	.015			03-04
0451	26450			43	10															10					04-05
0551	26470			43	10															9					05-06
0657	26480			47	9	9	Ac	E150												9	3	02.5			06-07
0753	26495			45	9															9					07-08
0852	26515			42	10															9					08-09
0953	26535			41	10	7	Ac	E150	3	Ac	170	10								10		.020			09-10
1053	26525			42	10															9					10-11
1156	26520			38	10															9					11-12
1250	26515			38	10	8	Ac	E150	2	Ac	170	10								9	7	.020			12-13
1355	26505			39	9															8					13-14
1457	26500			37	8															8					14-15
1552	26.500			36	8	4	Sc	120	4	Ac	E180	4	0	Cs	250	4				8	6	.015			15-16
1652	26.510			35	4															7					16-17
1752	26.520			36	6															6					17-18
1852	26.520			39	5	2	Sc	120	3	Ac	180	5								5	1	.020			18-19
1952	26530			41	4															4					19-20
2050	26.540			46	3															3					20-21
2150	26.550			47	6	6	Sc	E120												6	2	.030			21-22
2252	26.540			49	6															6					22-23
2352	26.530			50	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.					SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0329	X	0	0		62	55	X	X						X		
	0329	1	0	0	0	62	55		0								
	0949	2	0	0	0	59	55		0								
	1546	3	0	0	0	63	58		0								
	2148	4	0	0	0	62	51		0								
	MID.	X	0	0	0	52	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0959	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26455	26.535	26.500	26550
BAROGRAPH 64	26.440	26.530	26.500	26.545
BAR. CORR. 65	+.015	+.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
63	50	0	0	0	21	W	1003					9	8		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:36 SUNSET 17:35

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 AT: 0553 ±0 Sec./ 2055 ±0 Sec./ ± Sec.

0657/ 2338 APP 308 1250/107/ 0900-29

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

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

☆ U.S.GPO:1983-0-764-006/6069

MF 1 1HA (5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 23 1986

TO CONVERT LST TO GMT ADD 6 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 (100's-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER ALTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13a)	OBSERVER'S INITIALS (13b)
SA	0052	120 SCT	20			129	48	31	11	05		999	5 03 1500	KRO
SA	0152	E 120 BKN	20			124	50	32	09	04		994		KRO
SA	0250	E 120 BKN	20			120	49	31	00	00		993		KRO
SA	0358	E 80 BKN	20			118	52	32	08	08		993	603 1500 48 RMLAT 94087	EP
SA	0456	E 90 BKN 250 BKN	20			122	53	30	04	09		994		EP
SA	0554	E 90 BKN	20			126	52	30	05	14		995		EP
SA	0653	E 90 BKN	20			130	53	30	04	14		996	710 1500	EP
SA	0756	E 90 BKN	20			134	56	31	05	12		997		EP
SA	0855	E 90 BKN 250 BKN	20			135	57	32	03	14		997	FEW CU	EP
SA	0955	E 90 BKN	20			130	60	34	08	07		996	000 1800 48	EP
SA	1052	E 100 BKN	20			130	62	37	09	10		996	FEW CU	EP
SA	1153	80 SCT E 100 BKN	20			125	63	38	11	13		995		EP
SA	1255	80 SCT E 100 BKN	20			120	63	38	11	08		993	810 1800	EP
SA	1354	80 SCT E 100 BKN	20			114	64	38	11	14		992		EP
SA	1450	80 SCT E 100 BKN	20			110	66	37	13	10		991		EP
SA	1556	60 SCT E 100 BKN	20			105	65	37	12	13	G19	990	710 1270 67 RMLAT 68091	SEA
SA	1655	60 SCT 100 SCT	20			108	64	36	12	12		991		SEA
SA	1751	100 SCT	20			115	62	36	11	08		992		SEA
SA	1854	CLR	20			119	60	36	09	07		993	FEW AC/ 210 1070	SEA
SA	1956	CLR	20			123	56	35	00	00		995	FEW AC	SEA
SA	2057	CLR	20			132	52	33	28	06		997	FEW AC	SEA
SA	2158	CLR	20			130	51	34	06	04		997	FEW AC/ 110 1070 67	SEA
SA	2252	CLR	20			132	51	34	04	10		997	FEW AC DSNT SE	SEA
SA	2357	CLR	20			131	54	34	04	10		998		SEA

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:1984-0-764-008/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 28 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
00 52	26.540			52	4	4	SC	120												4	5	.010			00-01
01 52	26.540			50	7															6					01-02
02 50	26.530			51	6															6					02-03
03 58	26.530			46	7	7	SC	180												7	6	.010			03-04
04 56	26.540			41	9															8					04-05
05 54	26.550			43	9															9					05-06
06 53	26.560			41	9	9	SC	E90												9	2	.030			06-07
07 56	26.570			38	9															9					07-08
08 55	26.570			39	9															9					08-09
09 55	26.560			38	8	0	CU	70	8	SC	E90	8								8	0	.000			09-10
10 52	26.560			39	8															8					10-11
11 53	26.550			40	7															7					11-12
12 55	26.530			40	7	1	CU	80	7	SC	E100	7								7	8	.030			12-13
13 54	26.520			38	8															8					13-14
14 50	26.510			34	6															6					14-15
15 56	26.500			35	6	1	CU	60	5	AC	E100	6								6	7	.030			15-16
16 55	26.510			36	4															4					16-17
17 51	26.520			38	2															2					17-18
18 47	26.530			40	0	0	AC	120												0	C	.030			18-19
19 56	26.540			45	0															0					19-20
20 51	26.560			50	0															0					20-21
21 58	26.560			52	0	0	AC	120												0	1	.030			21-22
22 52	26.565			52	0															0					22-23
23 57	26.570			47	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)	49	STATE OF GRND.	51	52	53	54	55	SOIL TEMP.	57	58
41	42	43	44	45	46	47	48		50						56		
	MID. TO 0353	X	0	0	X	52	48	X	X						X		
	0353	1	0	0	0	52	48		0								
	0951	2	0	0	0	60	52		0								
	1551	3	0	0	0	67	60		0								
	2155	4	0	0	0	65	50		0								
	MID.	X	0	0	0	56	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0554	0952	1555	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.560	26.500	26.560
BAROGRAPH 64	26.525	26.560	26.500	26.560
BAR. CORR. 65	+.005	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	4AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	81
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
67	48	0	0	0	22	NE	0720					8	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 05:37 SUNSET 17:33

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 AT: 0910 ± Sec. / 1554:15 ± 0 Sec. / ± Sec.

0653/APP 210/2200

SP=

RS=

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION: WSMR, DESERT ROCK, NV

DATE: SEP 29 1986

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 (100's) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0057	CLR	20			135	54	35	04	12		999	307	SEA
SA	0153	CLR	20			137	51	32	03	13		999		SEA
SA	0250	CLR	20			139	52	28	05	14		000		SEA
SA	0350	CLR	20			140	51	25	06	12		000	103 49 RADAT 36094	EP
SA	0453	CLR	20			148	51	22	04	11		002		EP
SA	0552	CLR	20			157	51	21	04	11		004		EP
SA	0652	CLR	20			165	54	21	03	10		006	220	EP
SA	0754	CLR	20			166	57	23	03	13		007		EP
SA	0852	CLR	20			165	61	24	01	13		006		EP
SA	0955	CLR	20			165	63	24	02	08		006	000 49	EP
SA	1051	CLR	20			157	66	22	08	06		005		EP
SA	1152	CLR	20			152	69	22	05	08		004		EP
SA	1252	CLR	20			140	69	18	02	09		001	817	EP
SA	1352	CLR	20			138	71	17	36	06		999	CI W	EP
SA	1451	CLR	20			132	73	19	31	08		999	CI W	EP
SA	1557	250 SCT	20			126	73	18	25	04		997	712 1002 73 RADAT 21115	SEA
SA	1654	250 SCT	20			125	70	18	27	04		997		SEA
SA	1753	250 SCT	20			125	66	18	24	05		996		SEA
SA	1854	CLR	20			130	60	17	07	03		997	FEW CI SE / 502 1002	SEA
SA	1954	CLR	20			134	56	17	07	04		998	FEW CI SE	SEA
SA	2052	CLR	20			137	54	17	12	03		999	CI DSNT SE	SEA
SA	2153	CLR	20			137	52	17	00	00		999	CI DSNT SE / 107 1002 73	SEA
SA	2251	CLR	20			137	49	17	04	05		999		SEA
SA	2353	CLR	20			133	49	17	00	00		998		SEA

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 29 1986

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

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 54	26.580			49	0															0	3	.020			00-01
01 53	26.580			48	0															0					01-02
02 50	26.590			40	0															0					02-03
03 57	26.590			36	0															0	1	.010			03-04
04 53	26.610			32	0															0					04-05
05 52	26630			31	0															0					05-06
06 52	26.650			27	0															0	2	.060			06-07
07 54	26.655			27	0															0					07-08
08 52	26650			24	0															0					08-09
09 55	26650			22	0															0	0	.000			09-10
10 51	26640			19	0															0					10-11
11 52	26630			18	0															0					11-12
12 52	26.600			14	0															0	8	.050			12-13
13 52	26.590			13	0															0					13-14
14 51	26.585			13	0															0					14-15
15 57	26.565			12	1	1	CI	250												1	7	.035			15-16
16 54	26.560			14	3															3					16-17
17 53	26.555			16	3															2					17-18
18 54	26.560			19	0	0	CI	250												0	5	.005			18-19
19 54	26.570			21	0															0					19-20
20 52	26.580			23	0															0					20-21
21 53	26.580			24	0	0	CI	250												0	1	.020			21-22
22 51	26.580			27	0															0					22-23
23 53	26.570			27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.		
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
	MID. TO 0551	X	0	0	X	54	50	X	X								
	0851	1	0	0	0	54	49		0								
	0952	2	0	0	0	64	51		0								
	1552	3	0	0	0	73	63		0								
	2149	4	0	0	0	73	52		0								
	MID.	X	0	0	0	54	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0852	0953	1557	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.650	26.565	26.580
BAROGRAPH 64	26.590	26.650	26.560	26.570
BAR. CORR. 65	0	0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMLTD (Ins.)	SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER SUNRISE TO SUNSET	SKY COVER MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
73	49	0	0	0	20	NE	0807					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 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 AT: 0857 ±0 Sec. / 1553 PST ±0 Sec. / 2152 PST ±0 Sec.

SP=

RS=

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

☆ U.S.GPO:1983-0-764-006/6059

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 30 1986

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 (100's-36's) (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			135	49	17	36	03		999	500	SEA
SA	0156	CLR	20			135	47	17	00	00		999		SEA
SA	0252	CLR	20			131	45	16	00	00		998		SEA
SA	0351	CLR	20			132	43	16	00	00		997	603 43 RADAT 62105	EP
SA	0453	CLR	20			137	43	17	05	04		998		EP
SA	0552	CLR	20			140	45	17	13	03		999		EP
SA	0652	250 SCT	20			142	53	17	00	00		999	107 1001	EP
SA	0752	E250 BKN	20			143	58	18	00	00		000		EP
SA	0855	250 SCT	20			139	67	20	22	03		000		EP
SA	0953	250 SCT	20			133	69	23	23	06		998	~~807~~ 803 1001 43	EP
SA	1053	CLR	20			129	72	26	18	03		997		EP
SA	1152	CLR	20			116	74	27	22	05		994		EP
SA	1256	CLR	20			101	76	26	22	07		990	825 1100	EP
SA	1354	CLR	20			098	76	24	22	13 G19		988		EP
SA	1453	CLR	20			095	76	26	24	09		987	815 803	EP
SA	1552	CLR	20			088	76	28	28	09		986	FEW CU N/ ~~AFS~~ 1100 RADAT 20123 78	SEA
/	/													/
SA	1651	CLR	20			085	74	28	25	08		985	CU N AC NE	SEA
SA	1753	CLR	20			083	71	22	23	08		983	CI NW	SEA
SA	1855	CLR	20			080	66	23	18	03		983	607	SEA
SA	1957	CLR	20			075	66	22	13	04		982		SEA
SA	2054	CLR	20			070	58	22	03	10		981		SEA
SA	2153	CLR	20			065	~~75~~ 56	21	08	05		980	710 78	SEA
SA	2252	CLR	20			058	54	21	36	04		978		SEA
SA	2354	CLR	20			048	57	22	00	00		976		SEA

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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: SEP 30 1986

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.)	STATION PRESSURE (Ins.)	DRY BULB (°F)	WET BULB (°F)	REL. HUMIDITY (%)	TOTAL SKY COVER	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT.	LOWEST LAYER TYPE	LOWEST LAYER HEIGHT	SECOND LAYER AMT.	SECOND LAYER TYPE	SECOND LAYER HEIGHT	SUMMATION TOTAL	THIRD LAYER AMT.	THIRD LAYER TYPE	THIRD LAYER HEIGHT	SUMMATION TOTAL	FOURTH LAYER AMT.	FOURTH LAYER TYPE	FOURTH LAYER HEIGHT	TOTAL OPAQUE SKY COVER	PRESSURE TENDENCY	NET 3-HR. CHANGE (Ins.)	SUNSHINE (Min.)	PRECIPITATION (Ins.)	HR.
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
00 54	26.580	·		27	0															0	5	.000			00-01
01 56	26.580			30	0															0					01-02
02 52	26.570			31	0															0					02-03
03 51	26.570	·		33	0															0	6	.010			03-04
04 53	26.580			35	0															0					04-05
05 52	26.585			32	0															0					05-06
06 52	26.590	·		24	1	1	CI	250												1	1	.020			06-07
07 52	26.595			21	7															4					07-08
08 55	26.595			16	2															2					08-09
09 53	26.580	·		17	1	1	CI	250												1	8	.010			09-10
10 53	26.570			18	0															0					10-11
11 52	26.540			17	0															0					11-12
12 56	26.505	·		16	0	0	CU	80												0	8	.075			12-13
13 54	26.490			14	0															0					13-14
14 53	26.480			16	0															0					14-15
15 52	26.460	·		17	0	0	CU	80												0	8	.085			15-16
16 51	26.450			18	0															0					16-17
17 53	26.440			16	0															0					17-18
18 55	26.440	·		19	0															0	6	.020			18-19
19 57	26.430			19	0															0					19-20
20 54	26.420			24	0															0					20-21
21 53	26.410	·		25	0															0	7	.030			21-22
22 52	26.390			27	0															0					22-23
23 54	26.370			26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.)	TIME (L.S.T.)	NO.	PRECIP. (Ins.)	SNOW FALL (Ins.)	SNOW DEPTH (Ins.)	MAX. TEMP. (°F)	MIN. TEMP. (°F)		STATE OF GRND.						SOIL TEMP.			
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	
	MID. TO 0347	X	0	0	X	50	43	X	X						X			
	0347	1	0	0	0	52	43		0									
	0950	2	0	0	0	70	43		0									
	1547	3	0	0	0	78	69		0									
	2149	4	0	0	0	76	56		0									
	MID.	X	0	0	0	58	54	X	X						X			

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.580	26.460	26.410
BAROGRAPH 64	26.565	26.580	26.455	26.400
BAR. CORR. 65	+.005	0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F)	24-HR. MIN. TEMP. (°F)	24-HR. PRECIP. WATER EQUIV. (Ins.)	24-HR. SNOWFALL UNMELTED (Ins.)	4AM SNOW DEPTH (Ins.)	PEAK WIND SPEED (Kts.)	PEAK WIND DIRECTION	PEAK WIND TIME (L.S.T.)	THICKNESS OF ICE ON WATER (Ins.)	FROZEN GROUND LAYER (Ins.) TOP	FROZEN GROUND LAYER (Ins.) BASE	RIVER GAGE	SKY COVER: SUNRISE TO SUNSET	SKY COVER: MIDNIGHT TO MIDNIGHT	WATER EQUIV. (Ins.)	
66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
78	43	0	0	0	20	SW	1365					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:38 SUNSET 17:30

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 AT: 1045 ± 0 Sec. / 1546 PST ± 0 Sec. / 2150 PST ± 0 Sec.

L 2ND OF 2

2153 / 2151 (TEMP)

1552 / 2308 ← ORIGINAL APP 815 WAS CORRECT - 10/1/86

0953 / APP 803 / 2315

SP=

RS=

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

☆U.S.GPO:1983-0-784-006/6069