WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, Nevada

MONTH: August | 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	DIRECTION	SUNSHINE Ave. stn Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	R H 04	10	16	22
1	103	66	85		0	20	0	0	0	7.0	26	SW	26.55		0		26	19	19	20
2	102	71	87		0	22	0	0	0	8.3	25	SW	26.59		0		21	17	18	18
3	104	75	90		0	25	0	0	0	5.9	25	SW	26.59		0		26	18	17	21
4	105	77	91		0	26	0	0	0	6.5	25	SW	26.54		0		25	21	20	21
5	104	75	90		0	25	0	0	0	7.3	31	SW	26.48		3		34	24	18	22
6	102	71	87		0	22	0	0	0	8.0	34	S	26.51		0		40	24	17	24
7	102	77	90		0	25	0	0	0	7.6	30	S	26.54		0		34	20	17	20
8	102	75	89		0	24	0	0	0	7.1	26	SW	26.49		0		30	20	19	21
9	103	75	89		0	24	0	0	0	8.8	28	SW	26.48		3		38	20	19	29
10	99	78	89		0	24	0.01	0	0	9.8	38	NE	26.57		4	T, RW-	42	27	22	43
11	100	75	88		0	23	0	0	0	8.6	26	W	26.60		5		44	32	23	44
12	100	73	87		0	22	0	0	0	5.0	24	SW	26.55		2		58	32	20	28
13	102	73	88		0	23	0	0	0	5.0	23	SW	26.46		1		44	24	20	27
14	101	73	87		0	22	0	0	0	5.3	28	SW	26.46		1		38	28	21	25
15	100	72	86		0	21	0	0	0	8.9	31	SW	26.47		0		28	19	17	18
16	99	67	83		0	18	0	0	0	7.6	32	SW	26.48		0		24	19	19	17
17	100	65	83		0	18	0	0	0	6.3	26	SW	26.58		1		24	16	17	18
18	86	68	77		0	12	0.02	0	0	7.1	22	SW	26.71		9	RW-	36	45	58	84
19	96	66	81		0	16	0	0	0	4.8	20	SW	26.66		1		97	44	27	34
20	101	75	88		0	23	0	0	0	8.9	26	SW	26.61		7		44	30	23	41
21	100	76	88		0	23	0	0	0	9.5	26	SW	26.62		10		54	32	21	29
22	101	73	87		0	22	0	0	0	6.8	24	SW	26.54		6		39	29	18	22
23	100	72	86		0	21	0	0	0	7.9	32	SW	26.46		2		35	19	17	17
24	93	70	82		0	17	0	0	0	6.2	25	S	26.52		3		26	36	30	45
25	98	69	84		0	19	0.04	0	0	7.5	38	N	26.55		1	T, RW-	55	33	21	49
26	91	69	80		0	15	0.16	0	0	7.4	27	E	26.65		8	T, RW-	60	54	31	63
27	85	67	76		0	11	0.25	0	0	5.8	16	N	26.68		8	T, RW-	79	74	41	68
28	94	66	80		0	15	0	0	0	4.8	19	SW	26.59		1		90	42	23	35
29	96	69	83		0	18	0	0	0	7.4	30	SW	26.49		0		48	19	16	19
30	93	75	84		0	19	0	0	0	10.7	27	SW	26.54		0		28	16	15	17
31	92	64	78		0	13	0	0	0	4.5	17	SW	26.55		0		33	20	15	31
SUM	3054	2217	—	—	0	628	0.48	0	—	222.3	—	—	823.11	—	76	—	1300	873	679	969
AVG	98.5	71.5	—	—	—	—	—	—	—	7.2	FASTEST	DIRECTION		%		—	42	28	22	31
										MISC. →	38	N	26.55		2.5	—				

TEMPERATURE DATA

AVERAGE MONTHLY 85.0

DEPARTURE FROM NORMAL 2.8

HIGHEST 105 ON 4

LOWEST 64 ON 31

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 29

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL 0

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 628

DEPARTURE FROM NORMAL 87

SEASONAL TOTAL 1920

DEPARTURE FROM NORMAL 184

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.48 IN.

DEPARTURE FROM NORMAL 0.06 IN.

GREATEST IN 24 HRS. 0.25 ON 27

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) 23

PARTLY CLOUDY (Scale 4–7) 4

CLOUDY (Scale 8–10) 4

WITH 0.01 INCH OR MORE PRECIP. 5

WITH 0.10 INCH OR MORE PRECIP. 2

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. 26.740 IN. ON 27

LOWEST stn. 26.380 IN. ON 13

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: AUG 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)	OBSERVATION METHOD (14)
SA	0052	CLR	20			092	71	32	00	00		994	103	HRG
SA	0152	CLR	20			092	70	32	34	03		994		HRG
SA	0250	CLR	20			094	69	27	10	05		994		HRG
SA	0351	CLR	20			092	68	31	36	05		994	400 66 RADAT 20155	HS
SA	0451	CLR	20			100	67	29	11	06		996		HS
SA	0550	CLR	20			104	72	27	10	05		998		HS
SA	0651	CLR	20			107	77	31	00	00		999	214	HS
SA	0752	CLR	20			110	85	37	00	00		999		HS
SA	0854	CLR	20			112	92	43	21	04		000		HS
SA	0952	CLR	20			112	95	46	23	08		000	103 66	HS
SA	1051	CLR	20			107	98	47	23	12		999		HS
SA	1153	CLR	20			104	100	49	23	14		998		HS
SA	1252	CLR	20			100	101	51	20	13	G22	997	710	HS
SA	1351	CLR	20			095	102	51	19	10	G18	995		HS
SA	1451	CLR	20			092	102	51	23	10	G23	994		HS
SA	1550	CLR	20			090	101	50	21	12	G21	993	710 03 RADAT 20163	HRG
SA	1652	CLR	20			087	101	49	24	10	G20	992		HRG
SA	1752	CLR	20			086	99	47	22	13		992		HRG
SA	1852	CLR	20			089	93	44	21	11		993	500	HRG
SA	1952	CLR	20			093	88	40	04	06		995		HRG
SA	2050	CLR	20			092	87	37	08	04		995		HRG
SA	2152	CLR	20			097	81	35	36	06		996	210 03	HRG
SA	2252	CLR	20			096	84	34	00	00		997		HRG
SA	2352	CLR	20			099	79	34	04	11		997		HRG

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

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

SUPERSEDES MF 1-10A (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: AUG 1 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMID. (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0052	26.540			24	0															0	1	.010			00-01
0152	26.540			25	0															0					01-02
0250	26.540			21	0															0					02-03
03 51	26.540			26	0															0	4	.000			03-04
04 51	26.555			24	0															0					04-05
05 50	26.570			19	0															0					05-06
06 51	26.580			18	0															0	2	.040			06-07
07 52	26.585			18	0															0					07-08
08 54	26.590			19	0															0					08-09
09 52	26.590			19	0															0	1	.010			09-10
10 51	26.580			18	0															0					10-11
11 53	26.570			18	0															0					11-12
12 52	26.560			19	0															0	7	.030			12-13
13 51	26.545			19	0															0					13-14
14 51	26.540			19	0															0					14-15
15 50	26.530			19	0															0	7	.030			15-16
16 52	26.520			18	0															0					16-17
17 52	26.520			18	0															0					17-18
18 52	26.530			17	0															0	5	.000			18-19
19 52	26.550			19	0															0					19-20
20 50	26.550			17	0															0					20-21
21 52	26.560			20	0															0	2	.030			21-22
22 52	26.565			17	0															0					22-23
23 52	26.565			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	74	66	X	X						X		
	0349	1	0	0	0	77	66		0								
	0950	2	0	0	0	96	66		0								
	1546	3	0	0	0	103	95		0								
	2148	4	0	0	0	101	81		0								
	MID.	X	0	0	0	85	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.590	26.530	26.560
BAROGRAPH 64	26.525	26.575	26.535	26.555
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
103	66	0	0	0	26	SW	1205					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 0450 SUNSET 1851

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: 0855 ± 1 Sec. / 2222 ± 1 Sec. / ± Sec.

X BAROGRAPH CHANGED RE-SET TO "0"

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: AUG 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	USAF/NOAA METEOROLOGIST (15)
SA	0052	CLR	20			099	79	33	04	07		997	102	HS
SA	0152	CLR	20			102	77	31	11	07		998		HS
SA	0250	CLR	20			101	74	34	02	08		997		HS
SA	0352	CLR	20			105	74	32	04	07		999	105 72 RADAT 20156	HS
SA	0452	CLR	20			111	71	33	03	08		000		HS
SA	0555	CLR	20			116	77	35	00	00		002		HS
SA	0650	CLR	20			118	86	37	35	03		003	214	HS
SA	0750	CLR	20			127	89	39	26	06		005		HS
SA	0854	CLR	20			122	93	42	24	12	G20	004		HS
SA	0951	CLR	20			122	96	44	21	13	G22	004	002 1001 71	HS
SA	1050	CLR	20			117	97	46	22	14	G23	003	CI SE	HS
SA	1150	250 - SCT	20			119	99	47	21	14	G24	003		HS
SA	1252	250 - SCT	20			115	100	48	19	11	G22	002	805 1001	HS
SA	1350	250 - SCT	20			109	101	49	21	13	G22	000		HS
SA	1450	250 - SCT	20			102	100	49	21	12	G23	998		HS
SA	1552	CLR	20			099	99	49	23	12	G22	996	717 1005 02 RADAT 20159	HS
SA	1652	CLR	20			101	100	47	21	12	G20	996		HS
SA	1752	CLR	20			095	99	46	21	09		995		HS
SA	1852	CLR	20			096	95	42	20	08		996	500	HS
SA	1952	CLR	20			100	91	40	00	00		997		HS
SA	2050	CLR	20			102	87	36	06	04		998		HS
SA	2152	CLR	20			104	84	36	00	00		998	207 02	HS
SA	2252	CLR	20			102	91	38	19	10		999		HS
SA	2352	CLR	20			106	83	36	19	08		999		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-62) 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: AUG 2 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.565			19	0															0					00-01
01 52	26.575			19	0															0	1	.005			01-02
02 50	26.570			23	0															0					02-03
03 52	26.580			21	0															0	1	.015			03-04
04 52	26.590			25	0															0					04-05
05 55	26.610			22	0															0					05-06
06 50	26.620			18	0															0	2	.040			06-07
07 50	26.640			18	0															0					07-08
08 54	26.630			17	0															0					08-09
09 51	26.625			17	0	0	C1	250												0	0	.005			09-10
10 50	26.620			17	0															0					10-11
11 50	26.620			17	1															0					11-12
12 52	26.610			18	1	1	C1	250												0	8	.015			12-13
13 50	26.590			18	1															0					13-14
14 50	26.570			18	1															0					14-15
15 52	26.560			18	0	0	C1	250												0	7	.030			15-16
16 52	26.560			17	0															0					16-17
17 52	26.550			17	0															0					17-18
18 52	26.560			16	0															0	5	.000			18-19
19 52	26.570			17	0															0					19-20
20 50	26.575			16	0															0					20-21
21 52	26.580			18	0															0	2	.020			21-22
22 52	26.585			16	0															0					22-23
23 52	26.590			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	80	72	X	X						X		
	0350	1	0	0	0	85	72		0								
	0949	2	0	0	0	97	71		0								
	1549	3	0	0	0	102	96		0								
	2149	4	0	0	0	101	84		0								
	MID.	X	0	0	0	92	83	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1530	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26580	26.625	26.560	26.580
BAROGRAPH 64	26580	26620	26565	26575
BAR. CORR. 65	±0	+.005	-.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
102	71	0	0	0	25	SW	1433					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 0451 SUNSET 1850

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: 0655P ✓ / Sec. / 2140 ✓ / Sec. / ± Sec.

1554/1552

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: AUG 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	0052	CLR	20			107	80	35	02	04		999	103	WRG
SA	0152	CLR	20			105	84	36	00	00		999		WRG
SA	0250	CLR	20			102	84	36	00	00		998		WRG
SA	0355	CLR	20			108	75	38	01	02		999	500 75 RADAT 20155	CG
SA	0456	CLR	20			111	79	32	04	07		001		CG
SA	0555	CLR	20			125	77	32	32	04		004		CG
SA	0655	CLR	20			126	84	35	11	04		005	217 1001	CG
SA	0751	CLR	20			134	89	40	27	04		007		CG
SA	0852	CLR	20			134	93	43	16	05		007		CG
SA	0957	CLR	20			130	95	44	24	10		006	003 75	CG
SA	1059	CLR	20			126	98	47	22	10		006		CG
SA	1152	CLR	20			125	100	48	23	08		005		CG
SA	1255	CLR	20			118	102	49	23	12		003	810 1100	CG
SA	1352	CLR	20		108	~~108~~	105	50	23	11		001		CG
SA	1457	CLR	20			101	104	50	22	15		998		CG
SA	1558	CLR	20			090	104	51	24	18	G24	995	CB DSNT SE/ 825	DC
													1900 04 RADAT 29153	
SA	1654	CLR	20			085	102	49	24	11		994	CB DSNT SE	DC
SA	1755	CLR	20			087	101	48	24	10		994	CB DSNT SE CI E-SW	DC
SA	1855	250-SCT	20			089	95	44	24	03		994	502 1401	DC
SA	1957	CLR	20			090	93	42	00	00		996	CI SE-S	DC
SA	2057	CLR	20			095	87	41	08	03		997		DC
SA	2156	CLR	20			096	86	42	00	00		997	108 04	DC
SA	2256	CLR	20			097	88	43	00	00		998		DC
SA	2358	CLR	20			099	83	43	00	00		998		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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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:1984-0-764-008/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 3 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.590			19	0															0	1	.010			00-01
01 52	26.590			18	0															0					01-02
02 50	26.580			18	0															0					02-03
03 55	26.590			26	0															0					03-04
04 56	26.600			18	0															0	5	.000			04-05
05 55	26.630			19	0															0					05-06
06 55	26.640			18	0	0	CI	250												0					06-07
07 51	26.660			18	0															0	2	.050			07-08
08 52	26.660			18	0															0					08-09
09 57	26.650			18	0															0					09-10
10 57	26.650			17	0															0	0	.000			10-11
11 52	26.640			17	0															0					11-12
12 55	26.620			17	0	0	CU	40												0					12-13
13 52	26.600			18	0															0	8	.030			13-14
14 57	26.580			17	0															0					14-15
15 58	26.545			17	0	0	CB	80												0					15-16
16 54	26.535			17	0															0	8	.075			16-17
17 55	26.535			17	0															0					17-18
18 55	26.540			17	1	0	SC	70	1	CI	250	1								0					18-19
19 57	26.550			17	0															0	5	.005			19-20
20 57	26.560			20	0															0					20-21
21 56	26.565			21	0															0					21-22
22 56	26.570			21	0															0	1	.025			22-23
23 58	26.570			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		84	75										
	0349	1	0	0	0	92	75		0								
	0953	2	0	0	0	95	75		0								
	1550	3	0	0	0	104	95		0								
	2150	4	0	0	0	104	86		0								
	MID.		0	0	0	89	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0956	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.656	26.545	26.565
BAROGRAPH 64	26.580	26.650	26.560	26.570
BAR. CORR. 65	+.010	0	-.015	-.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
104	75	0	0	0	25	SW	1233					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 0451 SUNSET 1849

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

FASTEST OBSERVED HIGH/TE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 0705 P ±1 Sec. / 2100 P ±0 Sec. / ± Sec.

1352/1352

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: AUG 4 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0057	CLR	20			093	87	43	02	03		997	802	DC
SA	0151	CLR	20			090	89	43	31	04		996		DC
SA	0250	CLR	20			090	80	44	06	03		996		DC
SA	0355	CLR	20			093	83	44	28	03		997	500 78 RAWNT 25154	CG
SA	0455	CLR	20			103	78	43	09	05		998		CG
SA	0552	CLR	20			107	79	41	07	06		999		CG
SA	0655	CLR	20			115	84	42	19	02		002	217	CG
SA	0751	CLR	20			113	92	47	30	02		002		CG
SA	0857	CLR	20			114	94	49	04	02		002		CG
SA	0954	CLR	20			110	97	50	15	03		001	803 1100 77	CG
SA	1055	CLR	20			101	99	52	21	10		998		CG
SA	1154	60 SCT	20			098	101	53	18	07		997		CG
SA	1253	60 SCT	20			088	105	55	23	13		995	717 1100	CG
SA	1352	60 SCT	20			080	103	55	20	14		993		CG
SA	1451	60 SCT	20			070	105	56	20	13		990		CG
SA	1555	60 SCT	20			064	103	54	20	18	G23	988	CB DSNT SE / 724 1900 05 RADAT 51153	DC
SA	1656	CLR	20			061	102	53	22	15	G20	987	CB DSNT SE CU SE	DC
SA	1755	CLR	20			060	100	51	23	10		986	CB DSNT SE CU SE	DC
SA	1857	CLR	20			061	95	48	23	05		987	508 1900	DC
SA	1956	CLR	20			065	92	46	00	00		988		DC
SA	2057	CLR	20			070	88	40	05	04		989		DC
SA	2153	CLR	20			069	89	44	09	05		989	108 05	DC
SA	2257	CLR	20			070	88	45	09	05		990		DC
SA	2358	CLR	20			070	87	46	08	04		990		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: AUG 4 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.560			22	0															0	8	.005			00-01
01 51	26.555			20	0															0					01-02
02 50	26.550			28	0															0					02-03
03 55	26.560			25	0															0	5	.000			03-04
04 55	26.580			29	0															0					04-05
05 52	26.590			26	0															0					05-06
06 55	26.610			22	0															0	2	.050			06-07
07 51	26.610			21	0															0					07-08
08 54	26.610			21	0															0					08-09
09 54	26.600			21	0	0	Cu	50												0	8	.010			09-10
10 55	26.580			21	0															0					10-11
11 54	26.570			20	1															1					11-12
12 53	26.550			20	1	1	Cu	60												1	7	.050			12-13
13 52	26.530			21	1															1					13-14
14 51	26.500			20	1															1					14-15
15 55	26.480			20	1	1	CB	60												1	7	.070			15-16
16 56	26.470			20	0															0					16-17
17 55	26.465			20	0															0					17-18
18 57	26.470			20	0	0	SC	60												0	5	.010			18-19
19 55	26.485			21	0															0					19-20
20 57	26.495			19	0															0					20-21
21 53	26.495			21	0															0	1	.025			21-22
22 57	26.500			23	0															0					22-23
23 58	26.500			24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	89	78	X	X						X		
	0350	1	0	0	0	89	78		0								
	0951	2	0	0	0	97	77		0								
	1549	3	0	0	0	105	97		0								
	2149	4	0	0	0	104	85		0								
	MID.	X	0	0	0	89	87	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.600	26.480	26.495
BAROGRAPH 64	26.580	26.600	26.500	26.505
BAR. CORR. 65	0	0	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	77	0	0	0	25	SW	1331 *					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0452 SUNSET 1848

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MIN. WIND SPEED K.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK - CLOCK AT: 0707 ± 0 Sec. / 2000 P ± 0 Sec. / ± Sec.

* LAST OF SEVERAL OCCURRANCES

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: AUG 5 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 (7)	DEW PT. (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0055	CLR	20			066	85	46	00	00		989	802	DC
SA	0155	CLR	20			067	83	46	30	04		989		DC
SA	0256	CLR	20			067	80	46	08	06		989		DC
SA	0353	CLR	20			072	78	47	07	05		990	303 77 RADAT 64149	CG
SA	0456	70 SCT	20			078	76	48	36	04		991		CG
SA	0555	70 SCT	20			080	79	50	02	04		992		CG
SA	0653	70 SCT	20			090	81	52	01	03		994	314 1100	CG
SA	0756	70 SCT	20			093	85	51	05	05		995		CG
SA	0856	70 SCT	20			089	90	53	16	03		994		CG
SA	0954	70 SCT	20			087	95	53	18	02		994	000 1100 75	CG
SA	1052	70 SCT	20			078	100	49	21	08		992	TCU E	CG
SA	1156	70 SCT	20			070	101	49	21	13	G24	990	TCU E	CG
SA	1256	70 SCT	20			066	102	50	23	15	G28	988	TCU N-E / 717 1200	CG
SA	1358	70 SCT	20			060	102	50	22	13	G23	986	CB DSNT E TCU N-E	CG
SA	1451	70 SCT	20			053	102	50	22	14	G24	984	CB N-E	CG
SA	1558	70 SCT	20			045	101	49	20	12		982	CB DSNT SE / B22 1300	DC
													04 RADAT 68148	
SA	1655	70 SCT	20			044	101	48	20	14	G19	981		DC
SA	1755	70 SCT	20			041	99	47	20	12		981	CB DSNT SE	DC
SA	1857	CLR	20			045	97	45	19	10		981	502 1400	DC
SA	1956	CLR	20			051	93	43	14	06		983		DC
SA	2056	CLR	20			058	88	42	00	00		985		DC
SA	2154	CLR	20			055	92	47	22	09		986	114 04	DC
SA	2256	CLR	20			060	86	47	33	05		987		DC
SA	2355	CLR	20			060	92	47	19	08		988		DC

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

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

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

☆ U.S.GPO:1984 0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 5 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.490			26	0															0	8	.005			00-01
01 55	26.490			28	0															0					01-02
02 56	26.490			30	0															0					02-03
03 53	26.500			34	0															0	3	.010			03-04
04 56	26.510			38	3															3					04-05
05 55	26.520			38	4															4					05-06
06 53	26.540			37	5	5	Cu	70												5	3	.040			06-07
07 56	26.550			32	5															5					07-08
08 58	26.540			28	3															3					08-09
09 54	26.540			24	3	3	Cu	70												3	0	.000			09-10
10 52	26.520			18	3															3					10-11
11 58	26.500			18	3															3					11-12
12 58	26.490			18	3	3	Cu	70												3	7	.050			12-13
13 58	26.470			18	2															2					13-14
14 57	26.450			18	2															2					14-15
15 58	26.425			18	1	1	CB	70												1	8	.065			15-16
16 55	26.420			17	1															1					16-17
17 55	26.415			17	1															1					17-18
18 57	26.420			17	0	0	SC	70												0	5	.005			18-19
19 56	26.440			18	0															0					19-20
20 56	26.455			20	0															0					20-21
21 54	26.460			22	0															0	1	.040			21-22
22 56	26.470			26	0															0					22-23
23 55	26.480			21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0849		0	0		88	77										
	0849	1	0	0	0	89	77		0								
	0950	2	0	0	0	96	75		0								
	1550	3	0	0	0	104	95		0								
	2148	4	0	0	0	102	88		0								
	MID.		0	0	0	92	84										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0852	0954	1554	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.530	26.425	26.460
BAROGRAPH 64	26.505	26.530	26.425	26.450
BAR. CORR. 65	-.005	*0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	75	0	0	0	31	SW	1203					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0453 SUNSET 1847

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H.		ASSOCIATED DIRECTION	TIME

TIME CHECK-CLOCK AT: 0915P (Z) Sec./ 2200P ± 0 Sec./ ± Sec.

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

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 (8-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 6 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)	OBSERVERS INITIALS (15)
SA	0054	CLR	20			063	86	47	10	03		988	107	DC
SA	0153	CLR	20			063	86	47	15	06		988		DC
SA	0258	CLR	20			070	78	48	00	00		989		DC
SA	0349	CLR	20			074	76	50	00	00		990	307 75 RADAT 61145	AD
SA	0449	CLR	20			087	73	50	00	00		993		AD
SA	0549	CLR	20			091	77	52	00	00		994		AD
SA	0649	CLR	20			095	84	54	30	04		996	~~720~~ 220	AD
SA	0749	CLR	20			098	88	54	00	00		997		AD
SA	0849	CLR	20			096	92	53	33	04		997	~~000~~	AD
SA	0949	CLR	20			093	96	53	08	05		997	000 71	AD
SA	1049	CLR	20			094	98	48	20	17		997		AD
SA	1149	CLR	20			087	99	47	19	19 G34		995		AD
SA	1249	80 SCT	20			082	101	48	20	18 G26		993	810 1100	AD
SA	1349	80 SCT	20			079	101	49	21	18 G27		992		AD
SA	1449	80 SCT	20			077	100	48	22	16		991		AD
SA	1558	CLR	20			067	100	48	22	14 G20		988	817 1201 02 RADAT 20158	DC
SA	1653	CLR	20			066	99	47	22	12		987	FEW CU CI	DC
SA	1755	CLR	20			064	98	46	19	15		987	FEW CU CI	DC
SA	1856	CLR	20			064	95	45	19	09		987	502 1402	DC
SA	1952	CLR	20			070	92	44	17	07		989		DC
SA	2055	CLR	20			073	88	44	00	00		990		DC
SA	2157	CLR	20			070	92	50	20	15		990	108 02	DC
SA	2252	CLR	20			074	91	49	21	09		991		DC
SA	2356	CLR	20			079	86	46	00	00		992		DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 6 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.480			26	0															0	1	.020			00-01
01 53	26.480			26	0															0					01-02
02 58	26.490			35	0															0					02-03
03 49	26.500			40	0															0	3	.020			03-04
04 49	26.530			44	0															0					04-05
05 49	26.540			42	0															0	2				05-06
06 49	26.560			36	0															0	7	.060			06-07
07 49	26.570			32	0															0					07-08
08 49	26.560			27	0															0					08-09
09 49	26.560			24	0															0	0	.000			09-10
10 49	26.560			19	0															0					10-11
11 49	26.550			17	0															0					11-12
12 49	26.530			17	1	1	CU	80												1	8	.030			12-13
13 49	26.520			18	1															1					13-14
14 49	26.510			18	1															1					14-15
15 58	26.480			17	0	0	CU	80	0	CI	250	0								0	8	.050			15-16
16 53	26.470			17	0															0					16-17
17 55	26.470			17	0															0					17-18
18 56	26.475			18	0	0	SC	80	0	CI	250	0								0	5	.005			18-19
19 52	26.490			19	0															0					19-20
20 55	26.500			22	0															0					20-21
21 51	26.500			24	0															0	1	.025			21-22
22 52	26.510			24	0															0					22-23
23 56	26.520			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	92	75	X	X						X		
	0345	1	0	0	0	92	75		0								
	0945	2	0	0	0	96	71		0								
	1550	3	0	0	0	102	95		0								
	2150	4	0	0	0	101	87		0								
	MID.	X	0	0	0	92	86	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.560	26.480	26.500
BAROGRAPH 64	26.480	26.540	26.465	26.485
BAR. CORR. 65	+.020	+.020	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	71	0	0	0	34	5	1143					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0454 SUNSET 1846

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

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

TIME CHECK - CLOCK AT: 0500 01 Sec./ 2100 P ± 0 Sec./ ± Sec.

SA 0649 APP 720 CHANGED TO 220 AT 2300
0649/0849

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: **AUG 7 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)	OBSERVERS INITIALS (15)
SA	0057	CLR	20			078	87	46	06	04		992	107	DC
SA	0154	CLR	20			080	86	48	31	05		993		DC
SA	0258	CLR	20			086	82	48	01	06		994		DC
SA	0349	CLR	20			095	79	48	03	07		996	314 78 RADAT 20151	AD
SA	0449	CLR	20			105	79	46	06	04		998		AD
SA	0549	CLR	20			113	77	48	03	04		001		AD
SA	0649	CLR	20			111	85	49	00	00		001	114	AD
SA	0749	CLR	20			110	89	49	00	00		001		AD
SA	0849	CLR	20			110	93	49	00	00		001		AD
SA	0949	CLR	20			108	96	48	22	07		001	400 77	AD
SA	1049	CLR	20			100	99	48	23	14		998	FEW CU N	AD
SA	1149	CLR	20			095	100	49	23	13		996	FEW CU N	AD
SA	1249	80 SCT	20			090	100	49	23	15		995	717 1100	AD
SA	1349	80 SCT	20			081	101	49	21	10		993		AD
SA	1449	80 SCT	20			079	101	49	20	16		992		AD
SA	1558	80 SCT	20			069	101	48	24	12	G22	989	820 1400 02 RADAT 22153	SEA
SA	1655	CLR	20			066	100	47	22	16	G22	988	FEW SC E-SE	SEA
SA	1753	CLR	20			067	98	45	21	11	G19	988	FEW SC NE-SE	SEA
SA	1851	CLR	20			069	95	43	22	08		989	FEW SC E-SE / 500 1400	SEA
SA	1956	CLR	20			072	92	42	20	08		990		SEA
SA	2053	CLR	20			075	85	41	04	05		991		SEA
SA	2156	CLR	20			075	86	41	23	04		991	107 02	SEA
SA	2253	CLR	20			080	83	41	03	05		992		SEA
SA	2355	CLR	20			077	79	41	03	08		991		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 1-10 A (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: AUG 7 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.520			24	0															0	1	.020			00-01
01 54	26.525			27	0															0					01-02
02 58	26.540			31	0															0					02-03
03 49	26.560			34	0															0	3	.040			03-04
04 49	26.580			31	0															0					04-05
05 49	26.600			36	0															0					05-06
06 49	26.600			29	0															0	1	.040			06-07
07 49	26.600			25	0															0					07-08
08 49	26.600			22	0															0					08-09
09 49	26.600			20	0															0	4	.000			09-10
10 49	26.580			18	0															0					10-11
11 49	26.560			18	0															0					11-12
12 49	26.550			18	1	1	CU	80												1	7	.050			12-13
13 49	26.530			18	1															1					13-14
14 49	26.520			18	1															1					14-15
15 58	26.490			17	1	1	SC	80												1	8	.060			15-16
16 55	26.480			17	0															0					16-17
17 53	26.480			17	0															0					17-18
18 57	26.490			17	0	0	SC	80												0	5	.000			18-19
19 56	26.500			17	0															0					19-20
20 53	26.505			21	0															0					20-21
21 56	26.510			20	0															0	1	.020			21-22
22 53	26.520			23	0															0					22-23
23 55	26.510			26	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		89	78										
	0345	1	0	0	0	92	78		0								
	0945	2	0	0	0	96	77		0								
	1552	3	0	0	0	102	96		0								
	2152	4	0	0	0	101	82		0								
	MID.		0	0	0	88	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1557	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.600	26.490	26.510
BAROGRAPH 64	26.535	26.575	26.480	26.490
BAR. CORR. 65	+.025	+.025	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	77	0	0	0	30	5	1513					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0455 SUNSET 1845

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

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

TIME CHECK - CLOCK AT: 0500 ±1 Sec./1553PST ± 0 Sec./2154PST ± 0 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

STATION WSMO, DESERT ROCK NEVADA

DATE AUG 8 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 (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			076	78	42	02	07		991	802	SEA
SA	0152	CLR	20			074	80	42	02	09		991		SEA
SA	0251	CLR	20			073	78	42	02	08		990		SEA
SA	0349	CLR	20			077	76	42	02	07		991	302 76 RADAT 20149	AD
SA	0449	CLR	20			082	76	43	04	07		992		AD
SA	0549	CLR	20			086	77	43	05	07		993		AD
SA	0649	CLR	20			088	84	45	00	00		994	210	AD
SA	0749	CLR	20			087	89	46	00	00		994		AD
SA	0849	CLR	20			090	93	47	00	00		994		AD
SA	0949	CLR	20			088	95	48	23	05		994	400 75	AD
SA	1049	CLR	20			080	98	50	22	10		992	FEW CU N	AD
SA	1149	80 SCT	20			072	100	51	27	10		990		AD
SA	1249	80 SCT	20			066	100	52	25	09		987	720 1100	AD
SA	1349	80 SCT	20			061	101	53	26	12		986		AD
SA	1449	80 SCT	20			053	101	52	23	10		984		AD
SA	1554	80 SCT	20			050	100	51	23	15	G26	983	715 1100 02 RADAT 20158	SEA
SA	1656	80 SCT 250 SCT	20			046	99	49	23	07	G19	982		SEA
SA	1753	CLR	20			046	98	48	25	08		982	FEW CU/CI	SEA
SA	1851	250-SCT	20			051	94	46	24	07		983	TCU NE CU SE / 302 1201	SEA
SA	1949	CLR	20			052	93	46	20	06		985	FEW CI	SEA
SA	2054	CLR	20			057	85	44	03	03		985	FEW CI DSNT SE	SEA
SA	2157	CLR	20			052	89	44	00	00		985	FEW CI DSNT SE / 003 1001 02	SEA
SA	2255	CLR	20			055	90	51	21	13	G21	986	FEW CI SE	SEA
SA	2356	CLR	20			055	90	52	22	10		986	CS SE	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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 8 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.505			27	0															0	8	.005			00-01
01 52	26.505			26	0															0					01-02
02 51	26.500			29	0															0					02-03
03 49	26.510			30	0															0	3	.005			03-04
04 49	26.520			31	0															0					04-05
05 49	26.530			30	0															0					05-06
06 49	26.540			26	0															0	2	.030			06-07
07 49	26.540			23	0															0					07-08
08 49	26.540			21	0															0					08-09
09 49	26.540			20	0															0	4	.000			09-10
10 49	26.520			20	0															0					10-11
11 49	26.500			20	1															1					11-12
12 49	26.480			20	1	1	CU	80												1	7	.060			12-13
13 49	26.470			20	1															1					13-14
14 49	26.450			19	1															1					14-15
15 54	26.435			19	1	1	CU	80												1	7	.045			15-16
16 56	26.425			19	1															1					16-17
17 53	26.425			19	0															0					17-18
18 57	26.440			19	1	0	TCU	70	0	CU	80	0	1	CI	250	1				0	3	.005			18-19
19 49	26.450			20	0															0					19-20
20 54	26.455			24	0															0					20-21
21 57	26.450			21	0	0	CI	250												0	0	.010			21-22
22 55	26.460			26	0															0					22-23
23 56	26.460			28	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		80	76										
	0345	1	0	0	0	88	76		0								
	0945	2	0	0	0	95	75		0								
	1549	3	0	0	0	102	95		0								
	2154	4	0	0	0	101	85		0								
	MID.		0	0	0	91	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.540	26.425	26.450
BAROGRAPH 64	26.490	26.520	26.420	26.440
BAR. CORR. 65	+.020	+.020	+.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	75	0	0	0	26	SW	1544					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0456 SUNSET 1844

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

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

TIME CHECK - CLOCK AT: 0500 ±1 Sec. / 1550 PST ±1 Sec. / 2155 PST ±0 Sec.

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 9 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 (Knots) (10)	CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC (SEE NOTES) (15)
SA	0054	CLR	20			055	88	48	36	03		986	*103 1008 * CS SE/	SEA
SA	0154	CLR	20			053	82	49	34	06		985	CS SE	SEA
SA	0251	CLR	20			056	81	49	34	03		986	CS SE	SEA
SA	0349	CLR	20			062	77	49	03	08		986	303 77 RADAT 57151	AD
SA	0449	CLR	20			070	78	48	04	05		988		AD
SA	0549	CLR	20			077	79	48	04	06		991		AD
SA	0649	CLR	20			076	86	49	00	00		991	114	AD
SA	0749	CLR	20			085	90	46	21	04		993		AD
SA	0849	CLR	20			090	93	47	22	05		994	FEW CU S	AD
SA	0949	80 SCT	20			083	95	48	21	12		993	007 120075	AD
SA	1049	80 SCT 220 SCT	20			078	97	48	23	10		992		AD
SA	1149	80 SCT 220 SCT	20			068	101	52	23	09		990		AD
SA	1249	80 SCT 220 SCT	20			060	100	52	22	12		986	820 1202	AD
SA	1349	75 SCT 80 SCT 220 SCT	20			051	102	52	27	14		984	CB N-SE MOVG NW	AD
SA	1449	75 SCT 80 SCT 220 SCT	20			053	102	53	28	11		984	CB N-SE MOVG NW	AD
SA	1557	E80 BKN 220 BKN	20			046	102	51	23	15	G22	982	CB N-E-S MOVG NW OCNL	SEA
/	/				/	LTGCG	NE		RWU	NE	/	714	1903 03 RADAT 89114	/
SP	1669	E80 BKN 120 BKN 220 BKN	20		T				24	09	G18	982	TB 09 NE-S MOVG N SWU NE	SEA
SP	1638	E80 BKN 120 BKN 220 BKN	20						18	20	G28	983	TE 35 MOVD N CB NE-SE	SEA
/	/											/	MOVG N VIRGN E	/
SA	1756	80 SCT E120 BKN 220 BKN	20			049	98	52	19	19	G25	982	CB NE-E AND SW MOVG N	SEA
/	/											/	RWU NE AND DSNT SW	/
SA	1851	80 SCT 120 SCT E220 BKN	20			049	95	51	22	11	G22	982	CB/RWU NE MOVG N CB	SEA
/	/											/	SW OSIPTD	/
SA	1957	80 SCT 120 SCT E250 BKN	20			054	93	51	23	15		985	CB N AND NE MOVG N/307 1303	SEA
SA	2050	E250 BKN	20			060	91	52	23	10		987	OCNL LTG DSNT NE-E FEW AC	SEA
SA	2053	250-SCT	20			066	90	51	22	06	G18	988		SEA
SA	2158	250 SCT	20			072	87	51	10	16	G23	990	OCNL LTG DSNT N-E/217	SEA
/	/											/	1003 03	/
SA	2254	250-SCT	20			078	87	52	09	06	G16	992	OCNL LTG DSNT N WND 06V12	SEA
SA	2353	250-SCT	20			092	85	52	24	04		996	CB AND OCNL LTG IC N OCNL	SEA
/	/											/	LTG DSNT E AND S WND LGT VRBL	/

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

FM12-VII: IIiii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$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:1984-0-764 006/5

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 9 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0054	26.460			26	0	0	CS	250												0	1	.010			00-01
0154	26.450			33	0															0					01-02
0251	26.460			33	0															0					02-03
0349	26.470			38	0															0	3	.010			03-04
0449	26.490			35	0															0					04-05
0549	26.510			34	0															0					05-06
0649	26.510			25	0															0	1	.040			06-07
0749	26.530			22	0															0					07-08
0849	26.540			21	0															0					08-09
0949	26.530			20	1	1	CU	80												1	0	.020			09-10
1049	26.520			19	2															2					10-11
1149	26.500			20	3															3					11-12
1249	26.470			20	3	2	CU	80	1	CI	220	3								3	8	.060			12-13
1349	26.450			19	4															4					13-14
1449	26.450			20	4															4					14-15
1557	26.430			19	6	6	CB	E80	0	CI	220	6								6	7	.040			15-16
1652	26.430			21	7															7					16-17
1751	26.430			22	9															7					17-18
1857	26.450			24	9	1	CB	80	0	AC	120	1	9	CI	E250	9				6	3	.020			18-19
1950	26.470			27	8															5					19-20
2053	26.485			27	5															5					20-21
2156	26.500			29	2	2	CI	250												2	2	.050			21-22
2254	26.520			31	2															1					22-23
2353	26.555			32	4															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		90	77										
	0345	1	0	0	0	91	77		0								
	0945	2	0	0	0	97	75		0								
	1554	3	0	0	0	103	95		0								
	2152	*	0	0	0	102	83		0								
	MID.		0	0	0	88	85										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1557	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.530	26.430	26.500
BAROGRAPH 64	26.450	26.525	26.440	26.505
BAR. CORR. 65	+.020	+.005	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	75	0	0	0	28	SW	1724					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87
T	1609	1635			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0456 SUNSET 1843

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

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

TIME CHECK - CLOCK AT: 0500 ±1 Sec./1557 PST ±1 Sec./2153 PST ±1 Sec.

* 0955 CHANGED MICROBARGRAPH CHART
1349/1349
1656, 1751, 1857, 1950/2050 (TIMES, COL 2) ALL LONGLINE TRANSMISSIONS OK

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 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)	OR REMARKS INITIALS (13b)
SP	0010	60 SCT 250-SCT	20						03	23	G28	997	WSHFT 19 OCNL LTG DSNT	SEA
													N-NE AND S	
SA	0055	60 SCT 250 SCT	20			098	79	56	03	19	G26	997	*OCNL LTG DSNT NW-NE/122	SEA
													1103 *WSHFT 19	
SA	0152	60 SCT 250 SCT	20			106	81	55	05	14		000	OCNL LTG DSNT N	SEA
SA	0250	250 SCT	20			108	80	54	10	04		001	OCNL LTG DSNT NE SE	SEA
SA	0350	250 SCT	20			107	79	54	10	10		999	008 1003 79	
													RADAT 84143	CH
SA	0450	80 SCT 250 SCT	20			105	79	53	07	10		998		CH
SA	0550	80 SCT 250 SCT	20			106	79	54	04	10		998		CH
SA	0650	250 SCT	20			105	84	54	04	06		998	FEW AC / 603 1063	CH
SA	0750	250 SCT	20			103	88	53	30	04		998		CH
SA	0850	80 SCT	20			106	91	53	28	07		999		CH
SA	0950	80 SCT	20			106	94	55	24	04		999	103 1200 78	CH
SA	1050	80 SCT	20			102	96	54	24	07		998	RWY SE	CH
SA	1150	80 SCT	20			095	94	54	29	05		996	CB SE MOVG NW	CH
SA	1250	80 SCT	20			093	98	53	13	08		995	CB N AND SE MOVG NW	
	1344	~~E 80 BKN~~	~~10~~	~~T~~					29				RWY SE/714 1900	CH
SP	1341	E 80 BKN	10	T					29	08		993	TB40 S MOVG N TCU ALQDS	CH
SA	1350	E 80 BKN	10	T		089	98	53	15	06		993	TB40 SW MOVG N CB N	
													AND E MOVG N TCU ALQDS	CH
SA	1450	E 80 BKN	10	T		078	98	54	30	03		991	T W MOVG NW RB10E27	
													TCU ALQDS	CH
SP	1521	E90 BKN	20						04	03		990	TE20 MOVD N CB N	
													AND SE	
SA	1553	E90 BKN 270 BKN	20			075	98	53	06	03		990	TE20 MOVD N CB S	
													MOVG N / 61701 1903	
													99 RADAT 74152	
RS	1653	E90 BKN 270 BKN	20		T	075	95	56	18	17	G26	990	T SE-SW B46 MOVG NE	
													OCNL LTGCG SW RWU	
													SE AND SW	
SA	1750	E90 BKN 270 BKN	20		T	080	94	54	18	09		991	T E AND SW OCNL	
													LTGICCG RWU NE AND SW	
SA	1850	E90 BKN 270 OVC	20		T	087	91	56	24	13	G22	993	T SW LTL MOVMT FQT	
													LTGICCG RWU SW/310	
													1903	
SA	1950	E90 BKN 270 OVC	20		T	100	84	58	23	10	G21	997	T SW LTL MOVMT FQT	
													LTGICCG SW-NW	
SP	2034	E90 BKN 270 OVC	20						21	14	G20	997	TE30 FQT LTGICCG W-NW	
RS	2052	E90 BKN 270 OVC	20		T	098	84	58	20	09		997	TE30 B48 RB05E32	
													T W FQT LTGICCG	
SP	2130	E90 BKN 270 OVC	20						34	07		997	TE25 OCNL LTGICCG W-N	
SA	2155	E90 BKN 270 BKN	20			120	82	57	03	22	G29	003	TE25 OCNL LTGIC NW-N	
													PRESRR / 33000403 97	
													~~COR 0634~~ COR 0634	
SA	2253	90 SCT 270 SCT	20			120	80	55	05	19	G32	003	OCNL LTGIC NW-NE	
SA	2334	90 SCT 270 SCT	20			129	79	56	05	16	G22	005	DSNT LTG NW PK WND 0538/12	

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 10 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.565			45	3	1	Cu	60	3	Cl	250	3								2	1	.065			00-01
01 52	26.590			41	3															2					01-02
02 50	26.585			41	2															2					02-03
03 50	26.590			42	3	3	Cl	250												3	0	.025			03-04
04 50	26.580			41	3															3					04-05
05 50	26.580			42	3															3					05-06
06 50	26.580			36	1	0	AC	80	1	Cl	250	1								1	6	.010			06-07
07 50	26.580			31	1															1					07-08
08 50	26.590			28	1															1					08-09
09 50	26.590			27	3	3	Cu	80												3	1	.010			09-10
10 50	26.580			25	3															3					10-11
11 50	26.560			26	3															3					11-12
12 50	26.550			22	4	4	CB	80												4	7	.040			12-13
13 50	26.530			22	6															6					13-14
14 50	26.510			23	7															7					14-15
15 53	26.500			22	8	6	CB	E90	2	Cl	270	8								7	6	.050			15-16
16 53	26.500			27	8															8					16-17
17 50	26.510			26	8.															8					17-18
18 50	26.530			31	10	7	CB	E90	3	Cl	270	10								9	3	.030			18-19
19 50	26.560			42	10															9					19-20
20 52	26.560			42	10															9					20-21
21 55	26.620			43	7	6	SC	E90	1	Cl	270	7								7	3	.090			21-22
22 53	26.620			42	4															3					22-23
23 54	26.640			45	4															3					23-12

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		85	79										
	0348	1	0	0	0	88	79		0								
	0948	2	0	0	0	94	78		0								
	1548	3	.01	0	0	99	93		0								
	2150	4	T	0	0	99	82		0								
	MID.		0	0	0	82	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.590	26.580	26.580
BAROGRAPH 64	26.590	26.580	26.500	26.620
BAR. CORR. 65	±0	+.010	±0	+.040

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	78	.01	0	0	38	NE	2312					4	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1340	1520			
RW-	1410	1427			
T	1646	2030			
RW-	2005	2032			
T	2048	2125			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0457 SUNSET 1842

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

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

TIME CHECK-CLOCK AT: 1058 P ±0 Sec./ 2302 ±0 Sec./ ± Sec.

1341/1341 (C.O.R ADD 0000 2334)

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: AUG 11 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 (Hgs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	90 SCT 300 SCT	20			127	80	56	09	11		005	107 1403	
SA	0153	CLR	20			120	79	56	08	09		003		
SA	0253	CLR	20			114	79	56	11	12		002		
SA	0350	CLR	20			115	80	56	06	10		002	510 78 20001	
/		~~CLR~~	~~20~~			—							RADAT 66148	CH
SA	0450	CLR	20			123	76	56	05	10		003		CH
SA	0550	CLR	20			132	75	56	00	00		005		CH
SA	0650	CLR	20			135	81	56	03	08		006	214	CH
SA	0750	250 SCT	20			137	83	56	02	10		006		CH
SA	0850	250 SCT	20			138	87	57	34	06		007		CH
SA	0950	250 SCT	20			137	91	57	31	03		007	103 1001 75	CH
SA	1050	250 SCT	20			128	94	57	28	04		005	FEW CU	CH
SA	1150	70 SCT 250 SCT	20			121	95	57	23	12		003	TCU SE	CH
SA	1250	70 SCT 250-BKN	20			112	98	57	24	08		001	TCU SE/720 1201	CH
SA	1350	70 SCT 250-BKN	20			105	98	56	25	14	G20	998	TCU SE	CH
SA	1450	70 SCT 250-BKN	20			096	98	55	27	12	G23	996	CB E MOVG N	CH
SA	1553	80 SCT 250-BKN	20			088	99	54	26	12	G19	994	CB NE-SE / 720 1903 00	
—	—												RADAT 49151	—
SA	1653	80 SCT 250-BKN	20			086	98	52	25	05		993	CB SE MOVG NE	
SA	1753	80 SCT 250-BKN	20			090	94	58	12	11		993	TCU SE	
SA	1851	250-OVC	20			095	92	58	09	12		996	303 1409	
SA	1955	250-OVC	20			098	91	56	12	06		997	FEW SC	
SA	2050	250-BKN	20			105	91	54	12	06		999	FEW SC	
SA	2150	90 SCT 250 SCT	20			105	84	59	26	06		999	110 1401 00	
SA	2255	90 SCT 250 SCT	20			107	88	57	20	14	G21	000		
SA	2350	250 SCT	20			103	84	59	14	06		999		

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

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

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

☆U.S.GPO:1984-0-764-006/6485

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: AUG 11 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.640			44	3	2	SC	90	1	CI	300	3								2	1	.020			00-01
01 53	26.620			46	0															0					01-02
02 53	26.605			46	0															0					02-03
03 50	26.610			44	0															0	5	.030			03-04
04 50	26.620			50	0															0					04-05
05 50	26.640			52	0															0					05-06
06 50	26.650			43	0															0	2	.040			06-07
07 50	26.650			40	2															2					07-08
08 50	26.660			36	2															2					08-09
09 50	26.660			32	3	3	CI	250												2	1	.010			09-10
10 50	26.640			29	5															3					10-11
11 50	26.620			28	5															3					11-12
12 50	26.600			26	8	1	TCU	70	7	CI	250	8								3	7	.060			12-13
13 50	26.580			25	8															3					13-14
14 50	26.560			24	8															3					14-15
15 53	26.540			23	8	3	CB	80	5	CI	250	8								4	7	.060			15-16
16 53	26.530			22	8															4					16-17
17 53	26.530			30	9															4					17-18
18 51	26.550			32	10	0	SC	80	10	CI	250	10								4	3	.010			18-19
19 55	26.560			31	10															4					19-20
20 50	26.580			29	8															3					20-21
21 50	26.580			43	5	2	SC	90	3	CI	250	5								4	1	.030			21-22
22 55	26.590			35	4															4					22-23
23 50	26.580			43	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		80	78										
	0348	1	0	0	0	82	78		0								
	0948	2	0	0	0	91	75		0								
	1548	3	0	0	0	100	91		0								
	2146	4	0	0	0	100	84		0								
	MID.		0	0	0	88	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.660	26.570	26.580
BAROGRAPH 64	26.600	26.650	26.560	26.580
BAR. CORR. 65	+.010	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	75	0	0	0	26	W	1459					5	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 0458 SUNSET 1840

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: 0553P ± 0 Sec./ 1905 ± 0 Sec./ ± Sec.

0450/0450

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: AUG 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS (15)
SA	0054	CLR	20			103	82	58	19	06		999	000 1001	
SA	0153	CLR	20			108	79	59	17	05		000		
SA	0256	CLR	20			105	76	59	10	05		999		
SA	0350	CLR	20			109	76	60	10	06		000	203 75 RADAT 83149	CH
SA	0450	250 SCT	20			119	73	58	05	04		002		CH
SA	0550	120 SCT	20			123	76	59	09	05		003		CH
SA	0650	120 SCT	20			127	80	59	14	07		004	214 1060	CH
SA	0750	120 SCT	20			125	85	59	00	00		004		CH
SA	0850	120 SCT	20			117	90	50	24	04		003		CH
SA	0950	80 SCT 120 SCT	20			121	90	56	00	00		003	TCU E AND SE/603 1260 73	CH
SA	1050	80 SCT 120 SCT	20			111	92	55	24	03		001	TCU SE	CH
SA	1150	80 SCT	20			103	95	53	23	06		999	TCU SE	CH
SA	1250	80 SCT	20			095	98	52	22	08		997	CBN MOVG NW/7201900	CH
SA	1350	80 SCT	20			089	98	52	23	05		994	CBN MOVG N	CH
SA	1450	80 SCT	20			078	99	52	24	14	G24	991	CBN MOVG N	CH
SA	1550	CLR	20			067	99	51	24	08		988	727 1101 00 RADAT 59152	
SA	1652	CLR	20			066	98	51	26	08		987	FEW TCU SE AND DSNT NW	
SA	1750	CLR	20			066	96	50	25	06		987	TCU SE FEW CI	
SA	1852	CLR	20			065	93	50	24	07		987	603 1101	
SA	1957	CLR	20			068	91	50	21	08		988		
SA	2057	CLR	20			070	87	50	05	03		989		
SA	2154	CLR	20			070	87	50	34	03		989	107 00	
SA	2250	CLR	20			070	85	50	00	00		989		
SA	2356	CLR	20			069	85	50	00	00		989		

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$_1$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
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 12 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.580			44	0	0	CI	250																	00-01
01 53	26.590			51	0															0	0	.000			01-02
02 56	26.580			56	0															0					02-03
03 50	26.590			58	0															0					03-04
04 50	26.610			60	1															0	2	.010			04-05
05 50	26.620			56	1															1					05-06
06 50	26.630			49	2	2	AC	120												1					06-07
07 50	26.630			42	4															2	2	.040			07-08
08 50	26.620			34	4															4					08-09
09 50	26.620			32	4	1	TCU	80	3	AC	120	4								4					09-10
10 50	26.600			29	3															4	6	.010			10-11
11 50	26.580			25	2															3					11-12
12 50	26.560			22	2	2	CB	80												2					12-13
13 50	26.540			22	1															2	7	.060			13-14
14 50	26.510			21	1															1					14-15
15 50	26.480			20	0	0	CU	80	0	CI	250	0								1					15-16
16 52	26.470			21	0															0	7	.080			16-17
17 50	26.470			21	0															0					17-18
18 52	26.470			23	0	0	CU	90	0	CI	250	0								0					18-19
19 57	26.480			25	0															0	6	.010			19-20
20 57	26.490			28	0															0					20-21
21 54	26.490			28	0															0					21-22
22 50	26.490			30	0															0	1	.020			22-23
23 56	26.490			30	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		84	75										
	0348	1	0	0	0	88	75		0								
	0948	2	0	0	0	91	73		0								
	1546	3	0	0	0	100	90		0								
	2150	4	0	0	0	100	84		0								
	MID.		0	0	0	87	84										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1530	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.480	26.490
BAROGRAPH 64	26.580	26.610	26.480	26.490
BAR. CORR. 65	+.010	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	73	0	0	0	24	SW	1447					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 0459 SUNSET 1839

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

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

TIME CHECK - CLOCK AT: 0656 ± 0 Sec./ 1753 ± 0 Sec./ ± Sec.

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE AUG 13 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	0050	CLR	20			068	84	49	34	06		989	400	[illegible]
SA	0151	CLR	20			069	82	49	00	00		989		[illegible]
SA	0250	CLR	20			070	78	49	05	06		989		[illegible]
SA	0350	CLR	20			071	77	53	11	06		989	400 77 RADAT 70149	CH
SA	0450	80 SCT	20			081	73	49	00	00		991		CH
SA	0550	80 SCT	20			085	75	53	11	05		992		CH
SA	0650	100 SCT	20			087	81	56	00	00		993	214 1080	CH
SA	0750	100 SCT	20			085	88	53	00	00		993		CH
SA	0850	100 SCT	20			085	91	52	00	00		993		CH
SA	0950	100 SCT	20			083	94	52	00	00		993	TCU SE/400 128073	CH
SA	1050	80 SCT	20			075	96	50	26	06		991	TCU E	CH
SA	1150	80 SCT	20			064	98	50	18	06		988	TCU N AND E	CH
SA	1250	80 SCT	20			057	99	51	28	10		986	CB N MOVG NW/724 1900	CH
SA	1350	80 SCT	20			049	99	52	22	14	G23	983	CB DSNT N	CH
SA	1450	80 SCT	20			039	101	52	24	09	G22	980		CH
SA	1550	90 SCT 250 SCT	20			032	100	51	20	12	G22	978	TCU SE/724 1201 02	[illegible]
—	—												RADAT 63150	—
SA	1653	CLR	20			032	99	50	21	10		977	TCU SE	[illegible]
SA	1750	CLR	20			032	97	50	24	10		977	CB DSNT NE TCU SE	[illegible]
SA	1851	CLR	20			033	94	49	25	06		978	TCU SE/500 1201	[illegible]
SA	1952	CLR	20			039	91	49	20	03		980		[illegible]
SA	2055	CLR	20			044	87	48	00	00		981		[illegible]
SA	2152	CLR	20			043	86	48	06	03		981	110 02	[illegible]
SA	2253	CLR	20			045	87	44	35	04		982	FGT LTNG DSNT E	[illegible]
SA	2354	CLR	20			051	82	44	06	05		983	DSNT LTNG E	[illegible]

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

FM12-VII: IIiii $i_R i_x hVV$ Nddff $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 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:1984-0-764-006/8085

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 13 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.490			30	0																				00-01
01 51	26.490			32	0															0	4	.000			01-02
02 50	26.490			36	0															0					02-03
03 50	26.490			44	0															0					03-04
04 50	26.510			43	1															0	4	.000			04-05
05 50	26.520			47	2*															1					05-06
06 50	26.530			43	2	2	AC	100												2					06-07
07 50	26.530			31	2															2	2	.040			07-08
08 50	26.530			27	2															2					08-09
09 50	26.530			24	1	0	TCU	80	1	AC	100	1								2					09-10
10 50	26.510			22	1															1	4	.000			10-11
11 50	26.480			20	1															1					11-12
12 50	26.460			20	1	1	CB	80												1					12-13
13 50	26.440			21	1															1	7	.070			13-14
14 50	26.410			20	1															1					14-15
15 50	26.390			20	1	1	TCU	90	0	CI	250	1								1					15-16
16 53	26.380			19	0															1	7	.070			16-17
17 50	26.380			21	0*															0					17-18
18 57	26.390			22	0	0	TCU	90	0	CI	250	0								0					18-19
19 52	26.410			24	0															0	5	.000			19-20
20 55	26.420			26	0															0					20-21
21 52	26.420			27	0															0					21-22
22 53	26.430			22	0															0	1	.030			22-23
23 54	26.440			26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	85	77	X	X						X		
	0348	1	0	0	0	87	77		0								
	0948	2	0	0	0	94	73		0								
	1545	3	0	0	0	102	94		0								
	2147	4	0	0	0	100	85		0								
	MID.	X	0	0	0	89	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.530	26.390	26.420
BAROGRAPH 64	26.490	26.530	26.405	26.420
BAR. CORR. 65	±0	±0	-.015	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	73	0	0	0	23	SW	1347					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 0500 SUNSET 1838

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

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

TIME CHECK-CLOCK AT: 0551 ±0 Sec./ 1846 ±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: AUG 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0050	CLR	20			050	84	45	11	04		983	107	MR
SA	0151	CLR	20			054	80	45	32	06		984		MR
SA	0250	CLR	20			058	78	48	12	06		986		MR
SA	0353	CLR	20			064	76	48	28	04		987	210 76 RADAT 98195	MR
SA	0451	100 SCT	20			070	74	50	06	03		988		MR
SA	0552	90 SCT 120 SCT	20			078	76	51	24	04		991		MR
SA	0654	90 SCT 120 SCT	20			083	82	53	29	02		992	217 1170	MR
SA	0755	120 SCT	20			086	87	54	00	00		993		MR
SA	0855	120 SCT	20			086	90	54	00	00		993		MR
SA	0953	CLR	20			084	92	54	17	03		993	TCU SE 002 1270 73	MR
SA	1054	CLR	20			072	96	51	21	11		990	TCU E AND SE	MR
SA	1153	CLR	20			067	97	52	22	08	G16	988	TCU E	MR
SA	1255	CLR	20			058	99	52	22	06	G14	986	CB E TCU NE AND SE	MR
/													720 1301	/
SA	1354	110 SCT 250 SCT	20			050	99	52	28	10	G16	983	CB E TCU N-E-SE	MR
SA	1452	110 SCT 250 SCT	20			048	100	52	28	10	G17	982	CB N E AND DSNT SE	MR
SA	1553	110 SCT	20			044	99	52	28	10	G19	981	CBE/ 615 1300 01	JC
/													RADAT 48152	/
SA	1654	CLR	20			043	98	50	22	11	G17	980	TCU E-SE	JC
SA	1755	CLR	20			043	96	50	25	08		980	CB E	JC
SA	1854	CLR	20			044	93	49	22	06		981	CB E / 500 1300	JC
SA	1955	CLR	20			051	70	47	26	05		983	FEW CUE	JC
SA	2057	CLR	20			054	88	44	00	00		984		JC
SA	2153	CLR	20			057	86	46	06	03		984	110 01	JC
SA	2258	CLR	20			057	86	44	00	00		986		JC
SA	2355	CLR	20			059	79	44	01	06		986		JC

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 14 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.440			26	0															0	1	.020			00-01
01 51	26.450			29	0															0					01-02
02 50	26.460			35	0															0					02-03
03 53	26.470			38	0															0	2	.030			03-04
04 51	26.485			43	2															2					04-05
05 52	26.505			43	2															2					05-06
06 54	26.520			38	2	1	Cu	90	1	Ac	120	2								2	2	.050			06-07
07 55	26.530			33	1															1					07-08
08 55	26.530			29	1															1					08-09
09 53	26.525			28	0	0	Cu	100	0	Ac	150	0								0	0	.005			09-10
10 54	26.500			22	0															0					10-11
11 53	26.485			22	0															0					11-12
12 55	26.465			21	0	0	CB	110	0	Ci	250	0								0	7	.060			12-13
13 54	26.440			21	1															1					13-14
14 52	26.430			20	2															2					14-15
15 53	26.420			21	1	1	CB	110												1	6	.045			15-16
16 54	26.410			20	0															0					16-17
17 55	26.410			21	0															0					17-18
18 54	26.420			22	0	0	CB	110												0	5	.000			18-19
19 55	26.440			23	0															0					19-20
20 51	26.450			23	0															0					20-21
21 53	26.460			25	0															0	1	.020			21-22
22 58	26.460			23	0															0					22-23
23 55	26.460			29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	85	76	X	X						X		
	0348	1	0	0	0	89	76		0								
	0948	2	0	0	0	93	73		0								
	1548	3	0	0	0	101	92		0								
	2149	4	0	0	0	99	86		0								
	MID.	X	0	0	0	86	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.525	26.420	26.455
BAROGRAPH 64	26.475	26.530	26.430	26.455
BAR. CORR. 65	-.005	-.005	-.010	.000

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	[illegible]	1122					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 0500 SUNSET 1837

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

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

TIME CHECK-CLOCK AT: 0523P ±0 Sec./ 2048P 00 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) 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: AUG 15 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	0255	CLR	20			057	80	41	02	05		986	103	JC
SA	0154	CLR	20			059	76	39	36	06		986		JC
SA	0250	CLR	20			063	76	38	02	07		987		JC
SA	0355	CLR	20			065	74	38	01	08		987	103 74 RADAT 50148	MR
SA	0457	CLR	20			071	73	38	06	05		988	HK LYR W	MR
SA	0551	CLR	20			078	75	39	07	04		990		MR
SA	0653	CLR	20			080	82	40	00	00		992	215	MR
SA	0755	CLR	20			083	89	42	29	04		993		MR
SA	0851	CLR	20			084	90	43	22	09		993		MR
SA	0953	CLR	20			080	94	45	23	10		992	002 1100 72	MR
SA	1054	CLR	20			076	96	46	22	12		991	FEW CU	MR
SA	1158	CLR	20			068	98	46	20	16	G21	988	FEW CU	MR
SA	1257	CLR	20			060	99	47	21	14	G24	986	819 1100	MR
SA	1353	CLR	20			054	99	47	21	17	G24	984	FEW CU	MR
SA	1454	CLR	20			049	99	46	23	16	G22	982		MR
SA	1553	CLR	20			051	98	46	21	14	G25	982	612 00 RADAT 20156	JC
SA	1654	CLR	20			048	96	44	22	19	G25	981		JC
SA	1756	CLR	20			048	94	42	21	16	G22	981		JC
SA	1855	CLR	20			050	91	39	23	09	G18	982	500	JC
SA	1958	CLR	20			055	88	37	24	05		984		JC
SA	2054	CLR	20			060	86	38	02	03		986		JC
SA	2153	CLR	20			064	81	33	25	03		987	114 00	JC
SA	2257	CLR	20			070	75	32	34	05		988		JC
SA	2350	CLR	20			066	74	31	05	06		987		JC

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 15 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.460			25	0															0	1	.010			00-01
01 54	26.460			26	0															0					01-02
02 50	26.470			25	0															0					02-03
03 55	26.470			28	0															0	1	.010			03-04
04 57	26.485			28	0															0					04-05
05 51	26.500			28	0															0					05-06
06 53	26.515			22	0															0	2	.045			06-07
07 55	26.525			19	0															0					07-08
08 51	26.525			19	0															0					08-09
09 53	26.520			19	0	0	CU	120												0	0	.005			09-10
10 54	26.510			18	0															0					10-11
11 58	26.485			17	0															0					11-12
12 54	26.465			17	0	0	CU	120												0	8	.055			12-13
13 53	26.445			17	0															0					13-14
14 54	26.430			17	0															0					14-15
15 53	26.430			17	0															0	6	.035			15-16
16 54	26.420			17	0															0					16-17
17 56	26.420			17	0															0					17-18
18 55	26.430			16	0															0	5	.000			18-19
19 58	26.450			17	0															0					19-20
20 54	26.460			18	0															0					20-21
21 53	26.470			18	0															0	1	.040			21-22
22 57	26.470			21	0															0					22-23
23 50	26.470			21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	80	74	X	X						X		
	0350	1	0	0	0	86	74		0								
	0949	2	0	0	0	94	72		0								
	1548	3	0	0	0	100	94		0								
	2147	4	0	0	0	98	79		0								
	MID.	X	0	0	0	81	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0852	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.520	26.430	26.470
BAROGRAPH 64	26.475	26.525	26.440	26.470
BAR. CORR. 65	-.005	-.005	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	72	0	0	0	31	SW	1616					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 05:01 SUNSET 18:36

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

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

TIME CHECK-CLOCK AT: 1125P ± 0 Sec./ 1231P ⊕ 0 Sec./ ± Sec.

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 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=360) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (25)
SA	0050	CLR	20			066	72	31	02	04		987	000	JC
SA	0156	CLR	20			068	69	32	08	02		987		JC
SA	0250	CLR	20			068	69	31	00	00		987		JC
SA	0359	CLR	20			070	70	32	02	04		987	302 68 RADAT 20152	MR
SA	0456	CLR	20			077	68	32	06	06		989		MR
SA	0557	CLR	20			084	71	35	12	03		991		MR
SA	0654	CLR	20			087	77	35	00	00		992	115	MR
SA	0757	CLR	20			088	85	38	21	02		993		MR
SA	0856	CLR	20			086	90	43	00	00		993		MR
SA	0955	CLR	20			084	92	43	24	08		992	000 67	MR
SA	1051	CLR	20			082	95	46	23	11		991		MR
SA	1152	CLR	20			074	96	47	23	15 G21		989		MR
SA	1255	CLR	20			062	98	48	23	17 G26		987	820 1001	MR
SA	1354	CLR	20			056	98	49	22	20 G26		983		MR
SA	1453	CLR	20			057	99	49	21	20 G28		983		MR
SA	1553	CLR	20			057	98	48	23	17 G26		983	607 1001 79 RADAT 20165	JC
SA	1651	CLR	20			055	96	46	22	15 G25		982		JC
SA	1758	CLR	20			057	94	44	23	10 G20		983		JC
SA	1858	CLR	20			060	90	41	23	12		984	303 1001	JC
SA	1952	CLR	20			066	86	40	25	05		987		JC
SA	2054	CLR	20			074	81	34	34	03		989		JC
SA	2153	CLR	20			075	83	34	06	05		990	117 99	JC
SA	2254	CLR	20			077	86	33	08	03		991		JC
SA	2350	CLR	20			081	74	30	00	00		991		JC

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 16 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.470			22	0															0	0	.000			00-01
01 56	26.470			25	0															0					01-02
02 50	26.470			24	0															0					02-03
03 54	26.475			24	0															0	3	.005			03-04
04 56	26.490			27	0															0					04-05
05 57	26.510			26	0															0					05-06
06 54	26.520			21	0															0	1	.045			06-07
07 57	26.530			19	0															0					07-08
08 56	26.530			19	0															0					08-09
09 55	26.520			19	0															0	0	.000			09-10
10 51	26.510			19	0															0					10-11
11 52	26.490			19	0															0					11-12
12 55	26.460			19	0	0	Ci	250												0	8	.060			12-13
13 54	26.440			19	0															0					13-14
14 53	26.440			19	0															0					14-15
15 53	26.440			19	0	0	Ci	250												0	6	.020			15-16
16 51	26.430			18	0															0					16-17
17 52	26.440			18	0															0					17-18
18 58	26.450			18	0	0	Ci	250												0	3	.010			18-19
19 52	26.470			20	0															0					19-20
20 54	26.490			18	0															0					20-21
21 53	26.500			17	0															0	1	.050			21-22
22 54	26.510			16	0															0					22-23
23 50	26.510			20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	75	68	X	X						X		
	0350	1	0	0	0	81	68		0								
	0950	2	0	0	0	92	67		0								
	1548	3	0	0	0	99	92		0								
	2149	4	0	0	0	98	81		0								
	MID.	X	0	0	0	85	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.475	26.520	26.440	26.500
BAROGRAPH 64	26.480	26.525	26.450	26.505
BAR. CORR. 65	-.005	-.005	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	67	0	0	0	32	SW	1440					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 05:02 SUNSET 18:35

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: 1130P ± 0 Sec./ 2133P 00 Sec./ ± Sec.

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE **AUG 17 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)	OB. INITIALS (15)
SA	0052	CLR	20			085	72	30	08	03		996	207	JC
SA	0159	CLR	20			091	69	30	06	04		993		JC
SA	0252	CLR	20			091	69	30	08	06		993		JC
SA	0349	CLR	20			095	67	29	00	00		994	207 67 RADAT 20164	AD
SA	0449	CLR	20			097	66	31	00	00		994		AD
SA	0549	CLR	20			105	67	33	00	00		996		AD
SA	0649	CLR	20			115	76	32	00	00		999	317	AD
SA	0749	CLR	20			116	83	34	00	00		001		AD
SA	0849	CLR	20			123	89	38	00	00		003		AD
SA	0949	CLR	20			121	91	39	20	04		003	110 65	AD
SA	1049	CLR	20			118	94	41	22	11		003		AD
SA	1149	CLR	20			116	97	43	23	11		001		AD
SA	1249	CLR	20			112	98	45	22	16		999	810	AD
SA	1349	CLR	20			115	99	46	22	17		999		AD
SA	1449	CLR	20			106	99	47	22	14		997		AD
SA	1552	CLR	20			100	99	46	21	13	G22	996	814 1070 00 RADAT 20167	HS
SA	1652	250-SCT	20			096	98	45	23	12		994		HS
SA	1750	250-BKN	20			096	96	43	23	11		994		HS
SA	1851	250-BKN	20			101	93	42	25	08		997	303 1001	HS
SA	1950	250-BKN	20			108	89	40	04	04		999		HS
SA	2050	250-BKN	20			112	89	38	29	04		001		HS
SA	2151	250-SCT	20			115	79	32	05	07		001	114 1001 00	HS
SA	2250	250-OVC	20			117	81	33	08	04		002		HS
SA	2350	250-OVC	20			121	78	34	05	03		003		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 17 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.520			21	0															0	2	.020			00-01
01 59	26.530			23	0															0					01-02
02 50	26.530			23	0															0					02-03
03 49	26.540			24	0															0	2	.020			03-04
04 49	26.540			27	0															0					04-05
05 49	26.560			28	0															0					05-06
06 49	26.590			20	0															0	3	.050			06-07
07 49	26.600			17	0															0					07-08
08 49	26.620			17	0															0					08-09
09 49	26.620			16	0															0	1	.030			09-10
10 49	26.620			16	0															0					10-11
11 49	26.600			16	0															0					11-12
12 49	26.590			17	0															0	8	.030			12-13
13 49	26.590			17	0															0					13-14
14 49	26.570			17	0															0					14-15
15 52	26.550			17	0	0	Ac	100												0	8	.040			15-16
16 52	26.540			17	1															0					16-17
17 50	26.540			17	7															3					17-18
18 51	26.560			18	8	8	Ci	250												3	3	.010			18-19
19 50	26.580			18	9															2					19-20
20 50	26.600			17	6															1					20-21
21 51	26.600			18	3	3	Ci	250												1	1	.040			21-22
22 50	26.610			17	10															4					22-23
23 50	26.620			20	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		84	67										
	0345	1	0	0	0	85	67		0								
	0945	2	0	0	0	92	65		0								
	1550	3	0	0	0	100	91		0								
	2149	4	0	0	0	99	79		0								
	MID.		0	0	0	82	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.620	26.550	26.600
BAROGRAPH 64	26.535	26.635	26.570	26.620
BAR. CORR. 65	+.005	-.015	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	65	0	0	0	26	SW	1252					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 05:03 SUNSET 18:03

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./ 1955P ±1 Sec./ ± Sec.

*CHANGED MICROBAROGRAPH 0955

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **AUG 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)	OBSERVERS INITIALS (15)
SA	0050	250-OVC	20			120	77	33	05	03		003	107 1071	HS
SA	0150	E250 OVC	20			124	78	35	03	07		004		HS
SA	0250	E250 OVC	20			127	79	37	04	04		005		HS
SA	0349	E250 OVC	20			130	83	53	19	05		006	210 1002 75 RADAT 91150	AD
SA	0449	E110 BKN 250 OVC	10			137	84	55	13	06		008		AD
SA	0549	E110 BKN 250 OVC	10			145	84	58	25	08		011	BINOVC E	AD
SA	0649	E110 BKN 250 OVC	10			155	83	59	25	14		013	220 1078	AD
SA	0749	110 SCT E150 BKN 250 BKN	10			164	85	61	25	11		015		AD
SA	0849	110 SCT E150 BKN 250 BKN	10			171	84	60	26	10		017		AD
SA	0949	110 SCT E250 OVC.	10			176	85	61	25	12		017	114 1078 75	AD
SA	1049	110 SCT E150 BKN 250 OVC	10			175	85	60	23	12		017		AD
SA	1149	110 SCT E150 BKN 250 OVC	10			177	83	62	24	16		017		AD
SA	1249	110 SCT E150 BKN 250 OVC	10			180	78	65	25	12		017	400 1078	AD
SA	1349	110 SCT E150 BKN 250 OVC	10			170	84	63	26	12		015		AD
SA	1449	110 SCT E150 BKN 250 OVC.	10			163	81	63	28	10		013	RB50E53	AD
SA	1554	110 SCT E150 BKN 250 OVC	10			166	79	63	21	10		014	OCNL RW- 51000 1277	/
/													86 RADAT 98153	HS
SP	15 2358	E50 BKN 150 OVC	5		RW-				22	14		014	RB58 RB2358	HS
SA	1651	50 SCT E150 BKN	20			156	73	69	30	05		011	RE35 RWU NW	HS
SA	1752	50 SCT 150 SCT E250 BKN	20			160	74	67	00	00		012	CB DSNT SW	HS
SA	1851	50 SCT E150 BKN	20			160	74	68	00	00		012	CB DSNT SW DSIPTG	/
/													50702 1970	HS
SA	1950	E150 BKN	20			167	74	69	36	03		014		HS
SA	2050	E150 BKN	20			167	74	66	02	05		014		HS
SA	2150	150 SCT	20			167	73	68	00	00		014	10702 1070 86	HS
SA	2250	CLR	20			165	70	68	36	05		013	FEW AC	HS
SA	2350	CLR	20			166	69	68	00	00		013		HS

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

FM12-VII: 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: AUG 18 1996

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

Time (L.S.T.) 16	Station Pressure (Ins.) 17	Dry Bulb (°F) 18	Wet Bulb (°F) 19	Rel. Humidity (%) 20	Total Sky Cover 21	Lowest Layer Amt. 22	Lowest Layer Type 23	Lowest Layer Height 24	Second Layer Amt. 25	Second Layer Type 26	Second Layer Height 27	Sum-ma-tion Total 28	Third Layer Amt. 29	Third Layer Type 30	Third Layer Height 31	Sum-ma-tion Total 32	Fourth Layer Amt. 33	Fourth Layer Type 34	Fourth Layer Height 35	Total O-paque Sky Cover 36	Pressure Tend-en-cy 37	Net 3-hr. Change (Ins.) 38	Sun-shine (Min.) 39	Preci-pitation (Ins.) 40	Hr.
00 50	26.620			20	10	0	Ac	120	10	Ci	250	10								5	1	.020			00-01
01 50	26.630			22	10															6					01-02
02 50	26.640			22	10															6					02-03
03 49	26.650			36	10	10	Ci	E250												8	2	.030			03-04
04 49	26.690			37	10															10					04-05
05 49	26.690			42	10															9					05-06
06 49	26.710			44	10	6	Ac	E110	4	Cs	250	10								10	2	.060			06-07
07 49	26.730			45	9															9					07-08
08 49	26.750			45	9															9					08-09
09 49	26.750			45	10	4	Ac	110	6	Cs	E250	10								7	1	.040			09-10
10 49	26.750			43	10															10					10-11
11 49	26.750			49	10															10					11-12
12 49	26.750			65	10	4	Ac	110	3	Ac	E150	7	3	Cs	250	10				10	4	.000			12-13
13 49	26.730			50	10															10					13-14
14 49	26.710			55	10															10					14-15
15 54	26.720			58	10	5	Cu	110	3	Ac	E150	8	2	Cs	250	10				10	5	.030			15-16
16 51	26.690			88	8															8					16-17
17 52	26.700			78	7															7					17-18
18 51	26.700			80	9	3	CB	50	6	Ac	E150	9								9	5	.020			18-19
19 50	26.720			85	8															8					19-20
20 50	26.720			76	8															8					20-21
21 50	26.720			84	4	4	Ac	150												4	1	.020			21-22
22 50	26.710			91	0															0					22-23
23 50	26.710			96	0															0					23-24

SYNOPTIC OBSERVATIONS

Time (G.M.T.) 41	Time (L.S.T.) 42	No. 43	Precip. (Ins.) 44	Snow Fall (Ins.) 45	Snow Depth (Ins.) 46	Max. Temp. (°F) 47	Min. Temp. (°F) 48	49	State of Grnd. 50	51	52	53	54	55	Soil Temp. 56	57	58
	MID. TO 0345	X	0	0	X	84	75	X	X						X		
	0345	1	0	0	0	84	75		0								
	0945	2	0	0	0	86	81		0								
	1552	3	T	0	0	86	77		0								
	2148	4	.02	0	0	79	71		0								
	MID.	X	0	0	0	73	68	X	X						X		

STATION PRESSURE COMPUTATIONS

Time (L.S.T.) 59	0350	0950	1553	2149
Att. Therm. 60				
Observd. Bar. 61				
Total Corr. 62				
Sta. Press. 63	26.650	26.750	26.720	26.720
Barograph 64	26.655	26.770	26.740	26.740
Bar. Corr. 65	-.005	-.020	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-Hr. Max. Temp. (°F) 66	24-Hr. Min. Temp. (°F) 67	24-Hr. Precip. Water Equiv. (Ins.) 68	24-Hr. Snowfall Total (Ins.) 69	4/1/94 Snow Depth (Ins.) 70	Peak Wind Speed (Kts.) 71	Peak Wind Direction 72	Peak Wind Time (L.S.T.) 73	Thickness of Ice on Water (Ins.) 74	Frozen Ground Layer (Ins.) Top 75	Frozen Ground Layer (Ins.) Base 76	River Gage 77	Sky Cover Sunrise to Sunset 78	Sky Cover Midnight to Midnight 79	Water Equiv. (Ins.) 80	81
86	68	.02	0	0	22	SW	1152					9	8		

WEATHER & OBSTRUCTIONS TO VISION

Type 82	Began 83	Ended 84	Type 86	Began 87	Ended 88
RW-	1548	1553			
RW-	1558	1635			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0504 SUNSET 1832

Total Sunshine (Min.) | Percent of Possible Sunshine | Character of Sunrise | Character of Sunset

Fastest Observed 1-Minute Wind Speed M.P.H. or Fastest Mile M.P.H. | Associated Direction | Time

TIME CHECK - CLOCK AT: 0500 ⊖ / Sec. / 1955 ⊕ / Sec. / ± Sec.

1558/1558

1554/0900-26 1651/0900-26

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 19 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 (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	CLR	20			165	69	67	00	00		012	CI S 707 1001	HS
SA	0150	CLR	20			163	67	66	14	03		012	CI S	HS
SA	0250	250 - SCT	20			165	68	65	09	03		012		HS
SA	0349	250 - SCT	20			167	66	65	07	03		012	400 1001 20002 66	AD
~~SA~~	~~0449~~	~~250 - SCT~~	~~20~~										RADAT 83150	/
SA	0449	250 - SCT	20			170	66	65	00	00		012		AD
SA	0549	250 - SCT	20			168	68	66	00	00		012	FEW ACSL 5E	AD
SA	0649	CLR	20			165	74	66	00	00		012	400	AD
SA	0749	CLR	20			170	78	65	00	00		014		AD
SA	0849	CLR	20			163	84	62	23	06		013		AD
SA	0949	80 SCT	20			158	87	62	24	04		012	000 1100 66	AD
SA	1049	80 SCT	20			156	88	62	24	06		011		AD
SA	1149	80 SCT	20			146	92	60	23	08		008		AD
SA	1249	80 SCT	20			140	93	59	22	12		006	817 1200	AD
SA	1349	80 SCT	20			131	94	58	26	11		004		AD
SA	1449	80 SCT	20			128	94	58	27	12		003		AD
SA	1554	80 SCT	20			116	96	57	19	05		000	TCU SE 820 1200 96	/
/													RADAT 46164	HS
SA	1658	CLR	20			114	94	55	24	08		999	CU ALQDS	HS
SA	1757	CLR	20			113	93	54	24	09		999	FEW CU CI SW	HS
SA	1852	CLR	20			115	90	54	23	09		000	500 1401	HS
SA	1950	CLR	20			126	88	54	22	07		003		HS
SA	2050	250 - SCT	20			127	87	54	08	03		004		HS
SA	2150	250 - BKN	20			129	86	54	36	04		005	CCSL SE 117 1009 96	HS
SA	2250	E250 BKN	20			129	86	55	16	03		005		HS
SA	2350	E250 BKN	20			129	81	55	00	00		005		HS

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

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

SUPERSEDES MF 1-10A (1-82) 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: AUG 19 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.700			94	0	0	Ci	250												0	7	.020			00-01
01 50	26.700			95	0															0					01-02
02 56	26.700			91	2															0					02-03
03 49	26.700			97	4	4	Ci	250												1	4	.000			03-04
04 49	26.700			97	2															0					04-05
05 49	26.700			93	1															0					05-06
06 49	26.700			76	0															0	4	.000			06-07
07 49	26.720			64	0															0					07-08
08 49	26.710			48	0															0					08-09
09 49	26.700			44	1	1	Cu	80												1	0	.000			09-10
10 49	26.690			42	1															1					10-11
11 49	26.670			35	2															2					11-12
12 49	26.650			32	2	2	Cu	80												2	8	.050			12-13
13 49	26.630			30	3															3					13-14
14 49	26.620			30	3															3					14-15
15 54	26.590			27	1	1	Cu	80												1	8	.060			15-16
16 58	26.580			27	0															0					16-17
17 57	26.580			27	0															0					17-18
18 52	26.590			29	0	0	Sc	80	0	Ci	250	0								0	5	.000			18-19
19 50	26.620			31	0															0					19-20
20 50	26.630			34	5															1					20-21
21 50	26.640			34	7	7	Cc	250												1	1	.050			21-22
22 50	26.640			35	9															5					22-23
23 50	26.640			41	9															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	69	66	X	X						X		
	0345	1	0	0	0	73	66		0								
	0945	2	0	0	0	87	66		0								
	1552	3	0	0	0	96	86		0								
	2148	*	0	0	0	96	86		0								
	MID.	X	0	0	0	86	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.700	26.590	26.640
BAROGRAPH 64	26.710	26.710	26.610	26.650
BAR. CORR. 65	-.010	-.010	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4444 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	66	0	0	0	*20	SW	1717					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 0505 SUNSET 1831

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./ 1852P 00 Sec./ ± Sec.

0449/0449

*/LAST OF 2 OCCURRENCES

0349/24AR PRPN GP WRONG POSITION / 0905-26

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

STATION WSMO, DESERT ROCK NEVADA

DATE AUG 20 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	0050	E250BKN	20			124	78	56	00	00		003	807 1008	HS
SA	0150	E250 BKN	20			124	78	56	08	03		003		HS
SA	0250	E250 BKN	20			123	77	56	00	00		003		HS
SA	0350	E250 BKN	20			121	79	55	15	05		003	400 1008 77 RADAT 38160	008
SA	0455	150SCT E250BKN	20			128	76	55	06	04		005		008
SA	0554	150SCT E250 BKN	20			130	79	56	05	03		005		008
SA	0655	180SCT E250 BKN	20			138	85	56	27	04		008	215 1072	008
SA	0759	180SCT E250 BKN	20			136	91	57	34	03		008		008
SA	0850	150SCT 180SCT 250-BKN	20			132	92	58	24	05		007		008
SA	0952	100SCT 150SCT 250-BKN	20			130	94	58	23	11	G18	006	805 1152 75	008
SA	1057	100SCT 150SCT 250-BKN	20			122	96	57	24	12	G19	004		008
SA	1155	100SCT 250SCT	20			115	98	57	28	15	G22	002		008
SA	1253	100SCT E250BKN	20			109	97	56	23	10	G15	999	TCU ALQDS / 720 1202	008
SA	1354	100SCT E250 BKN	20			100	100	54	23	16	G26	997	CB DSNT NE MOVMT UNK	008
SA	1451	100SCT E250 BKN	20			098	99	54	23	15	G21	996	CB DSNT NE MOVG N	008
SA	1555	100SCT E250 BKN	20			090	99	54	23	12	G20	994	CB N NE AND SE MOVG N	/
/													717 1308 01 RADAT 15147	HS
SA	1657	100SCT E250 BKN	20			091	98	53	21	10		994	CB N AND E MOVG N	HS
SA	1950	100SCT	20			090	96	51	21	13		994	CB N AND E DSIPTG	HS
SA	1852	100SCT	20			096	94	51	22	12		997	CB N AND E DSIPTD HVY	/
/													CU S 307 1200	HS
SA	1950	100SCT E250 BKN	20			098	91	50	24	06		998		HS
SA	2051	100SCT E250 BKN	20			112	86	57	04	13	G20	001		HS
SA	2153	100SCT E250 BKN	20			112	84	57	03	16	G24	001	114 1208 01	HS
SA	2250	250-BKN	20			115	83	57	03	14	G22	002		HS
SA	2350	250-BKN	20			119	81	57	05	11		003		HS

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

FM12-VII: 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:1984-0-764-006/6065

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: AUG 20 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.620			46	7	7	Cs	E250												4	8	.020			00-01
01 50	26.620			47	9															5					01-02
02 50	26.620			49	9															5					02-03
03 50	26.620			44	9	9	CS	E250												8	4	.000			03-04
04 55	26.635			48	9															8					04-05
05 54	26.640			45	8															7					05-06
06 55	26.665			38	7	2	AC	180	5	CI	E250	7								5	2	.045			06-07
07 59	26.665			32	6															5					07-08
08 50	26.655			32	7															3					08-09
09 52	26.650			30	7	2	CU	100	1	AC	150	3	4	CI	250	7				3	8	.015			09-10
10 57	26.630			28	7															3					10-11
11 55	26.610			26	4															3					11-12
12 53	26.590			26	7	5	CU	100	2	CI	E250	7								6	7	.060			12-13
13 54	26.570			22	7															6					13-14
14 51	26.560			23	7															6					14-15
15 55	26.540			23	7	5	CB	100	2	Cs	E250	7								7	7	.050			15-16
16 57	26.540			22	7															7					16-17
17 50	26.540			22	5															5					17-18
18 52	26.560			23	5	5	Cu	100												5	3	.020			18-19
19 50	26.570			24	6															6					19-20
20 51	26.600			37	6															6					20-21
21 53	26.600			41	7	2	Cu	100	5	Cs	E250	7								4	1	.040			21-22
22 50	26.610			42	6															2					22-23
23 50	26.620			45	8															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		82	77										
	0349	1	0	0	0	86	77		0								
	0957	2	0	0	0	95	75		0								
	1553	3	0	0	0	101	94		0								
	2151	4	0	0	0	99	83		0								
	MID.		0	0	0	84	81										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0957	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.650	26.540	26.600
BAROGRAPH 64	26.630	26.670	26.560	26.620
BAR. CORR. 65	-.010	-.020	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	75	0	0	0	26	SW	1353					7	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0505 SUNSET 1830

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

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

TIME CHECK - CLOCK AT: 0953 P @ 0 Sec./ 1855 P @ 0 Sec./ ± Sec.

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **AUG 21 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0051	CLR	20			120	80	57	04	13		003	107	HS
SA	0151	250-SCT	20			123	79	57	03	13		004		HS
SA	0250	250-SCT	20			120	78	58	05	11		003		HS
SA	0350	100 SCT 250-SCT	20			128	77	59	04	12		005	207 1108 77 RADAT 63148	[illegible]
SA	0454	100 SCT 250-BKN	20			137	76	59	04	13		007		[illegible]
SA	0518	100 SCT 210-BKN	20			140	80	54	04	10		008		[illegible]
SA	0650	100 SCT E250 OVC	20			143	83	57	12	10		009	114 1201	[illegible]
SA	0755	100 SCT E250 OVC	20			146	86	57	12	08		011		[illegible]
SA	0853	100 SCT 250-OVC	20			147	89	57	12	05		011		[illegible]
SA	0948	100 SCT 250-OVC	20			148	91	57	28	07		011	103 1101 76	[illegible]
SA	1057	100 SCT 250-OVC	20			140	93	54	26	08		008		[illegible]
SA	1156	100 SCT 250-OVC	20			131	97	54	22	13	G17	006	TCU N-NE	[illegible]
SA	1255	100 SCT 250-OVC	20			122	99	54	22	13	G21	004	TCU N-SE / 720 1201	[illegible]
SA	1356	100 SCT 250-OVC	20			112	99	52	24	12	G18	001	TCU N-SE	[illegible]
SA	1450	100 SCT 250-OVC	20			113	99	52	22	13	G17	001		[illegible]
SA	1558	100 SCT 250-BKN	20			101	98	51	21	11	G16	998	CB E AND DSNT SE / 720	SEA
/	/											/	1301 00 RADAT 45143	/
SA	1654	100 SCT 250-BKN	20			099	97	50	27	11		997	CB NE AND NW MOVG NE	SEA
SA	1754	100 SCT E250 BKN	20			098	95	49	24	09		997	CB N AND NE-E MOVG NE	SEA
/	/											/	TCU/VIRGA SW NW N	/
SA	1857	100 SCT E250 BKN	20			097	94	50	19	10		997	CB AND OCNL LTGIC E MOVG	SEA
/	/											/	NE VIRGA SW / 603 1902	/
SA	1952	100 SCT	20			105	91	50	17	03		999	OCNL LTG DSNT NE	SEA
SA	2057	E100 BKN	20			108	89	50	00	00		000	OCNL LTG DSNT NE	SEA
SA	2158	E150 BKN 250 BKN	20			108	87	50	11	07		000	110 1402 00	SEA
SA	2254	E150 BKN 250 BKN	20			111	86	50	12	03		001		SEA
SA	2354	E160 BKN 250 BKN	20			105	89	51	20	13		000		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 $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 21 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.620			46	0															0	1	.020			00-01
01 51	26.630			49	4															1					01-02
02 50	26.620			50	5															1					02-03
03 50	26.640			54	5	1	cu	100	4	cs	250	5								2	2	.020			03-04
04 54	26.660			56	8															3					04-05
05 58	26.670			49	8															4					05-06
06 50	26.680			41	10	3	cu	100	7	ci	0250	10								8	1	.040			06-07
07 55	26.670			38	10															6					07-08
08 53	26.690			34	10															3					08-09
09 48	26.690			32	10	2	cu	100	8	ci	250	10								5	1	.010			09-10
10 57	26.670			27	10															5					10-11
11 56	26.650			24	10															5					11-12
12 55	26.630			23	10	3	cu	100	7	ci	250	10								4	7	.060			12-13
13 56	26.600			21	10															4					13-14
14 50	26.600			21	10															4					14-15
15 58	26.570			21	9	2	cb	100	8	ci	250	9								4	7	.060			15-16
16 54	26.560			21	9															4					16-17
17 54	26.560			21	9															5					17-18
18 57	26.560			23	9	5	cb	100	5	ci	E250	9								5	6	.010			18-19
19 52	26.580			25	5															5					19-20
20 57	26.580			27	6															6					20-21
21 58	26.580			28	7	7	sc	E150	0	ci	250	7								7	1	.030			21-22
22 54	26.600			29	6															6					22-23
23 50	26.590			28	6															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0349	X	0	0	X	81	77	X	X						X		
	0349	1	0	0	0	84	77		0								
	0847	2	0	0	0	91	76		0								
	1051	3	0	0	0	100	91		0								
	2153	4	0	0	0	99	87	X	X								
	MID.	X	0	0	0	90	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0847	1553	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.670	26.570	26.580
BAROGRAPH 64	26.650	26.710	26.580	26.580
BAR. CORR. 65	-.010	-.020	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	76	0	0	0	26	SW	1328					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0506 SUNSET 1828

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

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

TIME CHECK - CLOCK AT: 0354 P @ 0 Sec./ 1556 PST ± 0 Sec./ 2155 PST ± 0 Sec.

1000 P - CHANGED BAROGRAM

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **AUG 22 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	0056	160 SCT 250 SCT	20			105	87	51	22	03		000	FEW CU 80/ 000 1178	SEA
SA	0153	160 SCT 250 - BKN	20			107	81	50	06	06		000		SEA
SA	0254	250 - BKN	20			106	83	51	00	00		000	FEW AC	SEA
SA	0351	250 - BKN	20			109	77	50	27	04		999	400 1001 77 RADAT 78141	008
SA	0455	100 SCT 250 - BKN	20			115	75	50	03	04		001		008
SA	0557	100 SCT 250 - BKN	20			124	77	51	10	04		003		008
SA	0650	100 SCT 250 - SCT	20			120	83	52	14	03		003	110 1101	008
SA	0750	100 SCT 250 - SCT	20			124	86	53	02	04		004		008
SA	0850	100 SCT 250 - SCT	20			118	90	55	10	10		003		008
SA	0950	100 SCT 250 - SCT	20			118	92	55	13	11		003	000 1101 73	008
SA	1056	100 SCT 250 - SCT	20			110	95	53	13	09		001		008
SA	1155	100 SCT 250 SCT	20			098	96	53	13	10		997		008
SA	1250	100 SCT 250 SCT	20			092	96	51	11	04		996	722 1201	008
SA	1355	100 SCT 250 SCT	20			080	99	49	22	10	G21	992		008
SA	1455	100 SCT 250 SCT	20			072	100	49	23	12	G22	990		008
SA	1556	100 SCT 250 - BKN	20			063	99	48	22	17	G22	987	CB NE TCU E/ 729 1301	SEA
/	/											/	01 RADAT 93145	/
SA	1653	100 SCT 250 - BKN	20			066	98	47	22	07	G18	987	CBS NE AND DSNT SE	SEA
SA	1753	100 SCT 250 - BKN	20			065	97	45	23	09		987	CB NE AND SE	SEA
SA	1856	100 SCT 150 SCT 250 SCT	20			063	94	45	21	06		987	CB E/ 400 1363	SEA
SA	1952	250 SCT	20			063	90	44	15	06		987	FEW CU/AC	SEA
SA	2057	250 SCT	20			065	89	45	09	06		988		SEA
SA	2154	250 - SCT	20			064	89	46	09	12		988	FEW AC/ 103 1078 01	SEA
SA	2254	150 SCT 250 SCT	20			074	83	45	34	05		990		SEA
SA	2356	150 SCT	20			072	82	45	00	00		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: IIiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (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: AUG 22 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.590			29	5	0	cu	80	4	AC	160	4	1	CS	250	5				5	0	.000			00-01
01 53	26.590			34	6															2					01-02
02 54	26.590			33	6															1					02-03
03 51	26.590			39	6	6	ci	250												2	4	.000			03-04
04 55	26.600			42	8															2					04-05
05 57	26.620			40	8															2					05-06
06 50	26.670			35	5	1	cu	100	4	ci	250	5								2	1	.030			06-07
07 50	26.630			33	5															2					07-08
08 50	26.620			31	5															2					08-09
09 50	26.620			29	4	1	cu	100	3	ci	250	4								2	0	.000			09-10
10 56	26.600			25	4															2					10-11
11 [illegible]	26.[illegible]			24	5															7					11-12
12 [illegible]	[illegible]			[illegible]	[illegible]	4	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]			12-13
13 55	26.520			14	5															5					13-14
14 55	26.500			18	5															5					14-15
15 56	26.470			18	8	0	CB	80	4	sc	100	4	5	CI	250	8				4	7	.085			15-16
16 53	26.470			18	9															4					16-17
17 53	26.470			17	7															3					17-18
18 56	26.470			19	4	0	CB	80	2	sc	100	2	0	AC	150	2	3	CI	250	3	4	.000			18-19
19 52	26.470			20	3															2					19-20
20 57	26.480			21	2															2					20-21
21 54	26.480			22	3	0	AC	150	3	CS	250	3								1	1	.010			21-22
22 54	26.500			27	2															2					22-23
23 56	26.495			28	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0310		0	0		89	77										
	0350	1	0	0	0	90	77		0								
	0949	2	0	0	0	92	73		0								
	1553	3	0	0	0	101	92		0								
	2152	4	0	0	0	100	87		0								
	MID.		0	0	0	90	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0310	0949	1556	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.600	26.470	26.480
BAROGRAPH 64	26.580	26.605	26.460	26.460
BAR. CORR. 65	+.010	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	73	0	0	0	24	SW	1438					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 0507 SUNSET 1827

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

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

TIME CHECK - CLOCK AT: 0350 P 00 Sec./ 1555 PST ±0 Sec./ 2155 PST ±0 Sec.

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **AUG 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	150 SCT	20			071	79	46	00	00		989	003 1070	SEA
SA	0152	150 SCT	20			067	79	49	14	06		988		SEA
SA	0251	150 SCT	20			066	77	45	05	03		988		SEA
SA	0353	150 SCT	20			070	73	44	35	04		987	603 1050 73 RADAT 79142	00%
SA	0450	150 SCT	20			070	73	45	07	05		987		00%
SA	0553	CLR	20			085	74	46	15	04		992	FEW AC SE	00%
SA	0650	CLR	20			082	81	49	07	04		992	214	00%
SA	0755	CLR	20			083	86	50	31	04		992		00%
SA	[illegible]	250 SCT	20			080	91	50	30	05		992	FEW CI SE	00%
SA	0850	250 SCT	20			071	94	45	24	06		990	801 1001 72	00%
SA	1055	100 SCT 250 SCT	20			064	98	45	24	14	G20	987		00%
SA	1156	100 SCT 250 SCT	20			058	98	48	24	16	G22	985		00%
SA	1250	100 SCT 250 SCT	20			059	99	48	22	17	G27	985	614 1101	00%
SA	1352	100 SCT 250 SCT	20			046	100	48	22	20	G32	982		00%
SA	1449	100 SCT 250 SCT	20			047	100	47	22	16	G22	982		00%
SA	1558	100 SCT 250 SCT	20			043	98	46	23	19	G25	980	CB NE-E / 617 1303 00	SEA
/	/											/	RADAT 36154	/
SA	1657	100 SCT 250 SCT	20			037	97	45	22	11	G20	978	CB DSNT N-NE-E	SEA
SA	1754	100 SCT 250 SCT	20			040	95	42	23	10	G20	979	CB DSNT NE	SEA
SA	1853	250 SCT	20			037	93	41	23	10		979	FEW SC / 503 1408	SEA
SA	1956	CLR	20			044	91	40	22	08		981	OCNL LTG DSNT NE FEW CI	SEA
SA	2052	CLR	20			047	88	39	04	04		982	OCNL LTG DSNT NE FEW AC/CI	SEA
SA	2153	CLR	20			049	88	38	06	04		983	FEW CI / 114 1002 00	SEA
SA	2253	CLR	20			053	82	37	00	00		984	FEW CI SE	SEA
SA	2354	CLR	20			~~060~~ 056	83	37	00	00		986	CS DSNT SE	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 $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 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: AUG 23 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0055	26.490			31	3	3	AC	150												3	0	.010			00-01
0152	26.480			35	4															4					01-02
0251	26.480			33	4															4					02-03
0353	26.480			35	4	4	AC	150												4	6	.010			03-04
0450	26.480			37	2															2					04-05
0553	26.520			37	0															0					05-06
0650	26.520			33	0															0	2	.040			06-07
0755	26.520			29	0															0					07-08
0852	26.520			25	1															1					08-09
0950	26.500			19	1	1	ci	250												1	8	.020			09-10
1055	26.480			17	2															2					10-11
1156	26.460			19	2															2					11-12
1250	26.460			18	3	2	cu	100	1	ci	250	3								3	6	.040			12-13
1352	26.430			18	4															4					13-14
1449	26.430			18	4															4					14-15
1558	26.410			17	3	0	CB	80	3	SC	100	3	0	CI	250	3				3	6	.050			15-16
1657	26.395			17	1															1					16-17
1754	26.400			16	1															1					17-18
1853	26.400			17	1	0	SC	100	1	CS	250	1								1	5	.010			18-19
1956	26.420			17	0															0					19-20
2052	26.430			18	0															0					20-21
2153	26.440			17	0	0	CI	250												0	1	.040			21-22
2253	26.450			20	0															0					22-23
2354	26.460			19	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		82	73										
	0351	1	0	0	0	90	73		0								
	0948	2	0	0	0	94	72		0								
	1553	3	0	0	0	100	94		0								
	2149	4	0	0	0	99	84		0								
	MID.		0	0	0	88	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.500	26.410	26.410
BAROGRAPH 64	26.470	26.495	26.395	26.415
BAR. CORR. 65	+.010	+.005	+.015	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4(AM) SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	72	0	0	0	32	SW	1350					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 0508 SUNSET 1826

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: 0355P ±0 Sec. / 1554PST ±1 Sec. / 2152PST ±0 Sec.

2354 / 2354 (GCP)

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 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. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC INDICATORS (14)
SA	0057	CLR	20			056	83	36	34	07		986	CS SE/ 107 1008	SEA
SA	0155	250 SCT	20			060	76	34	36	06		986	CB AND FQT LTSIC* SE *RSNT	SEA
SA	0256	250 - SCT	20			062	77	35	04	07		987		SEA
SA	0358	CLR	20			075	74	37	00	00		989	312 74 RADAT 88143	DC
SA	0455	CLR	20			082	72	43	29	04		991	CI E	DC
SA	0553	250 - SCT	20			088	71	42	36	04		992		DC
SA	0656	250 SCT	20			093	80	48	00	00		995	217 1002	DC
SA	0756	250 SCT	20			099	83	56	02	06		997		DC
SA	0857	CLR	20			105	84	57	04	03		998	AC CI SE	DC
SA	0958	140 SCT	20			101	86	56	15	07		998	CB OMTNS SE / 108	DC
													1370 70	
SA	1054	CLR	20			100	88	57	14	07		997	TCU OMTNS SE	DC
													AC CI E-S	
SA	1155	70 SCT 250 SCT	20			091	90	59	20	12	G20	994	CB NE CB RWU	DC
													OMTNS SE TCU OVHD	
SA	1257	70 SCT	20			083	92	56	24	14	G19	992	CB RWU OMTNS SE	DC
													TCU E / 817 1900	
SA	1353	E70 BKN 250 BKN	20			080	92	56	20	08		990	CB TCU OVHD AND	DC
													N-SW	
SA	1446	70 SCT 200 SCT	20			075	91	56	16	10		989	FEW TCU	DC
SA	1552	70 SCT 230 SCT	20			072	91	55	17	10		987	714 1202 93 RADAT 73146	WRG
SA	1652	80 SCT E230 BKN	20			075	87	59	13	11	G23	987	TCU SE-S RWUS	WRG
SA	1752	80 SCT 230 - SCT	20			076	87	59	14	08		987		WRG
SA	1852	230 - SCT	20			077	86	56	12	08		988	303 1001	WRG
SA	1952	230 - SCT	20			082	85	55	13	05		991		WRG
SA	2050	CLR	20			091	82	56	14	08		993	FEW CI NE	WRG
SA	2152	CLR	20			095	79	56	00	00		994	117 93	WRG
SA	2252	CLR	20			097	77	55	00	00		995		WRG
SA	2352	CLR	20			096	77	55	34	04		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: 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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 24 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.460			19	0	0	CS	250												0	1	.020			00-01
01 55	26.460			22	1															1					01-02
02 56	26.470			22	2															1					02-03
03 58	26.495			26	0															0	3	.035			03-04
04 55	26.510			35	0															0					04-05
05 53	26.520			35	1															0					05-06
06 56	26.545			33	1	1	CI	250												1	2	.060			06-07
07 56	26.560			40	1															1					07-08
08 57	26.570			40	0															0					08-09
09 58	26.570			36	1	0	CB	60	1	AC	140	1								1	1	.025			09-10
10 54	26.560			35	0															0					10-11
11 55	26.540			36	3															3					11-12
12 57	26.520			30	3	3	CB	70												3	8	.050			12-13
13 53	26.500			30	2															2					13-14
14 56	26.490			31	5															5					14-15
15 52	26.480			30	5	4	CU	70	1	CI	230	5								5	7	.040			15-16
16 52	26.480			38	7															6					16-17
17 52	26.480			38	5															2					17-18
18 52	26.490			35	2	2	CI	230												0	3	.010			18-19
19 52	26.510			37	1															0					19-20
20 50	26.530			41	0															0					20-21
21 52	26.540			45	0															0	1	.050			21-22
22 52	26.543			48	0															0					22-23
23 52	26.545			48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		87	74										
	0350	1	0	0	0	88	74		0								
	0950	2	0	0	0	87	70		0								
	1548	3	0	0	0	93	46		0								
	2148	4	0	0	0	92	79		0								
	MID.		0	0	0	80	76										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.495	26.570	26.480	26.540
BAROGRAPH 64	26.475	26.565	26.475	26.520
BAR. CORR. 65	+.020	+.005	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	70	0	0	0	25	5	1331					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0509 SUNSET 1824

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: 1000 P ±0 Sec./ 2050 ±0 Sec./ ± Sec.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 25 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (13b)
SA	0052	CLR	20			096	74	57	00	00		995	102	WRG
SA	0152	CLR	20			098	71	54	05	04		995		WRG
SA	0250	CLR	20			100	72	54	36	03		995		WRG
SA	0358	CLR	20			105	71	54	00	00		997	305 70 RADAT 65145	DC
SA	0453	CLR	20			111	69	54	09	04		998		DC
SA	0554	CLR	20			118	72	55	00	00		000		DC
SA	0650	CLR	20			115	77	55	00	00		000	110	DC
SA	0755	CLR	20			115	82	56	17	09		000	CU SE	DC
SA	0856	CLR	20			114	86	56	12	13		000	CU SE	DC
SA	0956	CLR	20			111	88	55	10	08		999	TCU N FEW CU /	DC
													802 1200 69	
SA	1053	CLR	20			108	91	55	10	04		998	CB N FEW CU	DC
SA	1157	80 SCT	20			100	94	54	13	06		997	CB DSNT NW	DC
SA	1255	80 SCT	20			093	94	52	15	09		994	CB NW-N TCU	DC
													SE / 817 1900	
SA	1352	80 SCT	20			088	95	54	13	11		991	CB NW-E	DC
SA	1446	80 SCT	20			080	97	50	05	07		990	FEW CB NW-SE	DC
SA	1552	80 SCT	20			076	97	50	18	08		988	CB S LTL MOUNT RWDS	
													/715 1900 98 RADAT 53149	WRG
SA	1652	80 SCT 250 SCT	20			073	97	51	18	07		987	CB S LTL MOUNT SLWLY	
													DSIPTING	WRG
SA	1752	80 SCT 250 SCT	20			078	94	54	22	09		989	CB S DSIPTD	WRG
SA	1852	80 SCT 250 SCT	20			083	92	54	18	08		991	CB DSNT N OCNL LTGIC /307	
													1302	WRG
SA	1952	80 SCT	20			090	89	54	20	04		993	CB NW-NE LTL MOUNT	
													FQT LTGICCG	WRG
SA	2050	80 SCT	20			092	88	54	00	00		994	CB DSNT NW-NE MOUNG N	
													OCNL LTGIC	WRG
SP	2125	E 80 BKN	20		TRW-				36	20 G38		997	TOWND MOUGS TB20 RB22	
													PK WND 3638/01	WRG
SA	2152	E 80 BKN	20		TRW-	114	80	59	02	24G35		999	TB20 RB22 OVHD MOUGS	
													PK WND 3638/01/32700	
													1300 98	WRG
SA	2252	E 80 BKN	20		TRW-	122	74	61	05	25G35		002	T ALQDS LTL MOUNT FQT	
													LTGICCG PK WND 0437/08	WRG
SA	2352	E 80 BKN	20		TRW-	139	71	64	05	16G26		007	T ALQDS MOUGS FQT LTGICCG	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 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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: AUG 25 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0052	26.545			55	0															0	1	.005			00-01
0152	26.545			55	0															0					01-02
0250	26.550			54	0															0					02-03
0358	26.560			55	0															0	3	.015			03-04
0453	26.570			59	0															0					04-05
0354	26.590			55	0															0					05-06
0650	26.590			47	0															0	1	.030			06-07
0755	26.595			41	0															0					07-08
0856	26.590			36	0															0					08-09
0956	26.585			33	0	0	TCU	80												0	8	.005			09-10
1053	26.575			30	0															0					10-11
1157	26.560			26	1															1					11-12
12[illegible]	[illegible]			24	1	1	CB	[illegible]												1	[illegible]	[illegible]			12-13
1355	26.505			22	1															1					13-14
1446	26.500			21	1															1					14-15
1352	26.490			21	3	3	CB	80												3	7	.045			15-16
1652	26.480			22	5															5					16-17
1752	26.495			27	5															4					17-18
1852	26.510			28	2	2	CB	80	0	CI	250	2								2	3	.020			18-19
1952	26.530			31	1															1					19-20
2050	26.540			32	1															1					20-21
2152	26.590			49	7	7	CB	E80												7	3	.080			21-22
2252	26.610			63	6															6					22-23
2352	26.655			81	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		77	70										
	0350	1	0	0	0	80	70		0								
	0948	2	0	0	0	88	69		0								
	1548	3	0	0	0	98	88		0								
	2148	4	T	0	0	97	80		0								
	MID.		.04	0	0	80	71										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.585	26.490	26.570
BAROGRAPH 64	26.550	26.585	26.495	26.575
BAR. CORR. 65	+.010	0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	69	.04	0	0	38	N	2101					1	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	2120	CONT			
RW-	2122	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0509 SUNSET 1823

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: 1030 P ⊕ / Sec. / 1949 ⊕ / Sec. / ± Sec.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: AUG 26 1988

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	E 80 OVC	10		TRW-	141	71	63	36	05		007	T ALQDS FQT LTGICCG	
													LTL MOUNT/12409 1311	WRG
SA	0152	E 80 BKN	20		TRW-	138	71	62	07	10		006	T NW-NE OCNL LTGICCG	
													PCPN LTG	WRG
SP	0216	E 80 BKN	20						08	13		006	RE03 TE15 MOUD W	WRG
SA	0250	80 SCT 140 SCT	20			132	71	61	05	10		005	RE03 TE15 MOUD W	WRG
SA	0358	80 SCT	20			131	73	58	08	07		005	CB OCNL LTG DSNT	DC
													S / 60714 1900 69	
												200	14 RADAT 90140	
SA	0457	60 SCT 120 SCT E200 OVC	20			127	74	58	05	03		004	CB OCNL LTGIC S	DC
SA	0555	60 SCT E90 BKN 1200 VC	20			140	73	60	32	07		008	CB S BINOVC NW	DC
SA	0650	90 SCT E1400 VC	20			140	76	62	24	12		008	BINOVC NW / 307 127	DC
SA	0750	90 SCT E1400 VC	20			149	76	62	00	00		010	BINOVC NW	DC
SA	0850	90 SCT 140 SCT E200 OVC	20			152	78	61	21	03		011	BINOVC NW RWU	DC
													OMTNS SE	
SA	0957	60 SCT E120 BKN 200 OVC	20			156	79	61	05	05		011	CB RWU OMTNS SE	DC
													BINOVC W / 110 1928	
													69	
SA	1050	60 SCT E120 BKN 200 OVC	20			154	79	62	02	07		010	BINOVC W-N	DC
SA	1155	80 SCT E120 BKN 200 BKN	20			145	85	59	30	05		008	CB DSNT W RB10E21	DC
SA	1258	80 SCT E120 BKN 200 BKN	20			136	88	56	00	00		005	CB E DSNT W FEW	DC
													TCU / 81700 1978	
SA	1355	120 SCT E 200 BKN	20			127	89	55	00	00		003	FEW CB TCU OMTNS	DC
SA	1446	120 SCT 200 - SCT	20			120	90	55	22	12		001	FEW CB TCU OMTNS	DC
SA	1552	80 SCT 140 SCT E230 BKN	20			119	89	54	25	09		000	CB S-W AND N VIRGA SW	
													/6 1500 1962 91 RADOTS SCTS	WRG
SA	1652	80 SCT E140 BKN	20			120	89	54	25	12		001	CB SE-SW AND N MOUD N	WRG
SA	1752	80 SCT E140 BKN 230 BKN	20			121	87	54	23	12		001	CB ALQDS LTL MOUNT	WRG
SA	1852	80 SCT E140 BKN 230 BKN	20			120	85	56	23	10		001	CB ALQDS FQT LTGIC NE	
													/ 102 1962	WRG
SA	1952	80 SCT E140 BKN 230 BKN	20			132	84	60	26	04		004	CB ALQDS FQT LTGICC NE	
													OCNL LTGCC SW	WRG
SA	2052	E80 BKN 140 BKN	15		RW-	149	74	67	04	12		008	RB10 CB LINE NE	
													THRU SW LTL MOUNT FQT	
													LTGIC	WRG
SA	2152	E80 BKN	20			160	76	62	09	16G27		012	RE05 CB NE-S MOUD SE	
													FQT LTGIC/23401 1900 91	WRG
SA	2252	E80 OVC	15		RW-	165	70	66	11	14G29		012	RB16 CB SE THRU SW	
													FQT LTGCCCG LTL MOUNT	WRG
SA	2352	E60 OVC	15		RW-	169	69	66	35	03		014	CB DSNT S MOUD SW OCNL	
													LTGIC PCPN LGT	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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 26 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.660			75	10	10	CB	E80												10	1	.070			00-01
01 52	26.650			75	8															8					01-02
02 50	26.640			69	3															3					02-03
03 58	26.640			60	3	3	CB	80												3	6	.020			03-04
04 57	26.630			58	10															7					04-05
05 55	26.660			64	10															10					05-06
06 50	26.660			62	10	0	CU	60	5	AC	90	5	10	AS	E140	10				10	3	.020			06-07
07 50	26.680			62	10															10					07-08
08 50	26.690			56	10															10					08-09
09 57	26.690			54	10	1	CB	60	5	AS	E120	6	4	CS	200	10				9	1	.030			09-10
10 50	26.680			56	10															10					10-11
11 55	26.660			42	9															7					11-12
12 58	26.640			34	8	2	CB	80	5	AC	E120	7	1	CS	200	8				7	8	.050			12-13
13 55	26.615			32	7															5					13-14
14 46	26.600			31	2															1					14-15
15 52	26.595			31	8	1	CB	80	5	AC	140	5	3	CI	E270	8				6	6	.045			15-16
16 52	26.600			31	7															7					16-17
17 52	26.600			33	8															7					17-18
18 52	26.600			38	9	1	CB	80	6	AC	E140	7	2	CI	270	9				8	1	.005			18-19
19 52	26.630			44	8															7					19-20
20 52	26.665			78	8															8					20-21
21 52	26.700			63	7	7	CB	E80												7	2	.100			21-22
22 52	26.700			86	10															10					22-23
23 52	26.720			89	10															10					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0250	X	.10	0	X	74	69	X	X						X		
	0350	1	.14	0	0	80	69		1								
	0948	2	0	0	0	80	71		1								
	1548	3	T	0	0	91	79		0								
	2148	4	.01	0	0	89	74		1								
	MID.	X	.05	0	0	76	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.690	26.595	26.700
BAROGRAPH 64	26.625	26.685	26.585	26.685
BAR. CORR. 65	+.015	+.005	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	69	.16	0	0	27	E	2148					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	ConT	0215			
RW-	ConT	0203			
RW-	1110	1121			
RW-	1910	2123			
RW-	2218	Cont			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0510 SUNSET 1822

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 P Sec./ 2220 Sec./ ± Sec.

2252/2252

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 27 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) SUPP. AGL (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (14)
SP	0025	E60 OVC	15		TRW-				27	05		015	TB21	WRG
SA	0052	E60 OVC	15		TRW-	166	68	65	27	10		013	TB21 OVHD MOVG SW/	WRG
													00302 07 1911	
RS	0150	E60 OVC	20			165	68	66	04	04		013	RE30TE55 CB MOVG SW	WRG
SA	0250	E60 OVC	20		RW-	164	69	63	32	06		013	RB25 RPN LGT	WRG
SA	0358	E60 OVC	20		RW-	164	70	63	03	07		013	40012 12// 67	DC
													20013 RADAT CO134	
SA	0454	E60 OVC	20		RW-	165	69	64	00	00		013		DC
SA	0555	40 SCT E60 OVC	20		RW-	169	68	66	02	04		014	BINOVC SW	DC
SA	0655	E50 OVC	10		RW	179	69	65	21	05		016	BINOVC DSNT S/	DC
													31011 12//	
SA	0753	E60 OVC	20		RW-	175	68	64	07	05		015	BINOVC SW APRNT	DC
													RW+ NW	
SA	0854	E65 BKN 120 OVC	20			176	70	64	07	06		015	RE45 BINOVC S-W	DC
SA	0956	65 SCT E120 BKN	20			172	73	64	05	09		014	60718 1270 67	DC
SA	1050	E90 BKN 140 OVC	20			175	73	64	02	13		014	CB OMTNS SE FEW	DC
													BINOVC	
SA	1152	60 SCT E90 OVC	20			168	77	63	01	10		013	CB OMTNS SE-SW	DC
													BINOVC RWU SE	
SA	1253	60 SCT E90 BKN 140 BKN	20			161	81	62	10	06		011	CB RWU OMTNS SE	DC
													LTL MOVMT CB SW	
													/ 810 1970	
SA	1352	60 SCT 90 SCT 250 SCT	20			151	83	62	15	07		009	CB RWU SE LTL	DC
													MOVMT	
SA	1446	250 SCT	20			146	85	60	13	06		008	CB N SE AND S	DC
													LTL MOVMT RWU SE	
SA	1552	80 SCT 140 SCT 250 SCT	20			138	84	58	12	07		005	717 1362 85 RADAT 75143	WRG
SA	1654	80 SCT E140 BKN 250 BKN	20			131	83	59	15	04		003	TCU DSNT NANDS	WRG
SA	1754	80 SCT 140 SCT	20			131	83	59	11	06		003	TCU DSNT N	WRG
SA	1852	80 SCT 140 SCT	20			134	80	61	12	05		003	607 1260	WRG
SA	1952	CLR	20			143	77	63	12	06		005	CB DSNT SW OCNL LTGIC	WRG
SA	2050	CLR	20			143	76	63	00	00		005	CB DSNT SW OCNL LTGIC	WRG
SA	2152	CLR	20			142	75	63	09	06		005	CB DSNT SW OCNL LTGIC/107	WRG
													1900 85	
SA	2252	CLR	20			144	72	64	12	04		005	CB SW DSIPTG LCGIC DSNT	
													NE-E	WRG
SA	2352	CLR	20			143	70	66	06	04		005	CB DSNT E OCNL LTGIC.	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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: AUG 27 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0052	26.710			90	10	10	CB	E60												10	0	.010			00-01
0150	26.710			94	10															10					01-02
0250	26.710			83	10															10					02-03
0358	26.710			79	10	10	CU	E60												10	4	.000			03-04
0454	26.710			84	10															10					04-05
0555	26.720			93	10															10					05-06
0655	26.740			93	10	10	CU	E50												10	3	.030			06-07
0753	26.730			87	10															10					07-08
0854	26.725			81	10															10					08-09
0956	26.720			74	9	4	CU	65	5	AC	E120	9								9	6	.020			09-10
1050	26.720			74	10															10					10-11
1152	26.705			62	10															10					11-12
1253	26.690			53	8	2	CB	60	4	AC	E90	6	2	AC	140	8				8	8	.030			12-13
1352	26.670			49	4															3					13-14
1446	26.660			43	4															3					14-15
1552	26.640			41	5	1	CB	80	4	AC	170	5	0	CI	250	5				5	7	.050			15-16
1652	26.640			43	1															4					16-17
1752	26.620			44	3															3					17-18
1852	26.620			52	2	1	CU	80	1	AC	140	2								2	6	.020			18-19
1952	26.640			63	0															0					19-20
2050	26.640			64	0															0					20-21
2152	26.640			68	0	0	CB	40												0	1	.020			21-22
2252	26.640			76	0															0					22-23
2352	26.640			86	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	.07	0	X	70	67	X	X						X		
	0350	1	.12	0	0	76	67		1								
	0948	2	.18	0	0	74	67		1								
	1548	3	0	0	0	85	73		1								
	2148	4	0	0	0	85	75		0								
	MID.	X	0	0	0	75	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.720	26.640	26.640
BAROGRAPH 64	26.690	26.710	26.635	26.630
BAR. CORR. 65	+.020	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	67	.25	0	0	16	N	1030					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT	0130			
T	0021	0135			
RW-	0225	0645			
RW	0645	0702			
RW-	0702	0845			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0511 SUNSET 1820

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: 0900P ±0 Sec./ 1300P ±0 Sec./ ± Sec.

SA 0052 APPRX 00302 CHANGED TO 00307 AT 0930P

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 28 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)	OBS. INITIALS (15)
SA	0052	250 -SCT	20			141	70	65	08	03		005	CB E DSIPTD/400 1001	KRG
SA	0152	CLR	20			141	69	64	17	03		005		KRG
SA	0252	CLR	20			140	68	63	01	06		005		KRG
SA	0351	CLR	20			135	67	64	07	03		004	805 67 20018 RADAT 63141	CRD
SA	0451	250-SCT	20			139	66	63	12	04		005		CRD
SA	0550	250 - SCT	20			140	68	62	36	05		005		CRD
SA	0650	CLR	20			144	71	61	18	05		006	208	CRD
SA	0750	CLR	20			143	71	62	09	03		006		CRD
SA	0849	CLR	20			142	82	61	32	03		007		CRD
SA	0951	CLR	20			136	86	60	29	05		006	TCU NW/302 1300 62	CRD
SA	1053	80 SCT	20			132	89	58	21	04		004	TCU NW NE	CRD
SA	1152	80 SCT	20			123	90	55	13	08		002	CB SE TCU NW	CRD
SA	1251	80 SCT	20			114	91	54	24	06		999	CB E-SE TCU NW-NE/	CRD
/												/	720 1300	/
SA	1354	80 SCT	20			104	93	52	21	05		996	CB NE SE	CRD
SA	1450	80 SCT	20			093	94	51	23	07		993	CB NE SE TCU N	CRD
SA	1550	80 SCT	20			088	93	50	24	09		992	TCU N/TR 100 44	RD
													RADAT 33145	
SA	1655	80 SCT 250 SCT	20			088	92	50	18	05		991		RD
SA	1753	80 SCT 250 SCT	20			089	91	49	22	07		991	CB N	RD
SA	1855	CLR	20			089	87	54	18	05		992	302 1101	RD
SA	1957	CLR	20			095	83	54	11	05		994	DS NT LTG NW NE	RD
SA	2053	CLR	20			097	80	57	09	05		994		RD
SA	2152	CLR	20			094	83	52	00	00		994	DS NT LTG NW NE/108 44	RD
SA	2255	CLR	20			095	78	57	01	04		994		RD
SA	2352	CLR	20			090	79	55	11	03		993		RD

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

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

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

☆U.S.GPO:1984-0-784-009/6085

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 28 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.640			84	3	3	Ci	250												1	4	.000			00-01
01 52	26.640			85	0															0					01-02
02 52	26.640			85	0															0					02-03
03 51	26.625			90	0															0	8	.015			03-04
04 51	26.635			90	2															0					04-05
05 50	26.640			81	1															0					05-06
06 50	26.650			71	0															0	2	.025			06-07
07 50	26.650			65	0															0					07-08
08 49	26.655			49	0															0					08-09
09 51	26.645			42	0	0	Cu	80												0	8	.005			09-10
10 53	26.630			35	1															1					10-11
11 52	26.605			31	2															2					11-12
12 51	26.585			29	3	3	CB	80												3	7	.060			12-13
13 54	26.560			25	3															3					13-14
14 50	26.530			23	1															1					14-15
15 58	26.570			23	2	2	Cu	80												2	7	.065			15-16
16 55	26.510			24	1															1					16-17
17 53	26.505			24	1															1					17-18
18 53	[illegible]			51	0	0	Cu	80	0	Ci	250	0								0	3	.005			18-19
19 57	26.535			37	0															0					19-20
20 53	26.540			46	0															0					20-21
21 52	26.540			35	0															0	1	.025			21-22
22 55	26.540			49	0															0					22-23
23 52	26.530			44	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		72	67										
	0350	1	0	0	0	75	67		0								
	0948	2	0	0	0	86	66		0								
	1552	3	0	0	0	94	85		0								
	2147	4	0	0	0	93	80		0								
	MID.		0	0	0	83	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1557	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.645	26.570	26.510
BAROGRAPH 64	26.640	26.640	26.520	26.530
BAR. CORR. 65	+.005	+.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	66	0	0	0	14	SW	1317					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 0512 SUNSET 1819

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: 0800P ±0 Sec./ 1705 ±0 Sec./ ± Sec.

1558/1558

1558/APP 722/1530P 8-29-86

1957-2152/DSNT/1500 9-2

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **AUG 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 (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			094	82	53	15	06		995	302	RD
SA	0153	CLR	20			094	79	54	00	00		994		RD
SA	0254	CLR	20			094	74	56	01	04		994		RD
SA	0352	CLR	20			098	74	53	34	04		995	302 73 RADAT 37141	CRD
SA	0451	CLR	20			103	70	54	04	04		996		CRD
SA	0555	CLR	20			107	71	53	14	04		997		CRD
SA	0652	CLR	20			111	78	54	28	03		998	210	CRD
SA	0750	CLR	20			110	85	51	25	03		998		CRD
SA	0850	CLR	20			110	88	50	25	04		998		CRD
SA	0950	CLR	20			102	93	44	24	10		997	Cu SE/803 1100 69	CRD
SA	1050	CLR	20			104	93	42	20	16		996	FEW Cu SE	CRD
SA	1151	CLR	20			094	95	45	18	16 G 24		995	FEW Cu NE-SE	CRD
SA	1252	CLR	20			086	95	43	22	15 G 30		993	FEW Cu NE SE/714 1100	CRD
SA	1350	CLR	20			083	95	42	20	14 G 26		992	TCU NE SE	CRD
SA	1458	CLR	20			071	95	42	20	16 G 23		987	TCU NE SE	CRD
SA	1553	CLR	20			069	95	41	19	12		987	719 1100 96 RADAT 35147	RD
SA	1654	CLR	20		065	094	94	39	20	13		986		RD
SA	1756	CLR	20			065	92	37	18	11		986		RD
SA	1853	CLR	20			066	89	36	19	08		987	502	RD
SA	1955	CLR	20			069	86	36	18	08		988		RD
SA	2054	CLR	20			075	84	35	23	07		989		RD
SA	2156	CLR	20			078	83	37	00	00		991	214 96	RD
SA	2252	CLR	20			082	80	40	00	00		992		RD
SA	2354	CLR	20			084	78	43	00	00		992		RD

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 $6RRRt_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$ 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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 29 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.545			37	0															0	3	.005			00-01
01 53	26.540			42	0															0					01-02
02 54	26.540			54	0															0					02-03
03 52	26.550			48	0															0	3	.005			03-04
04 51	26.560			57	0															0					04-05
05 55	26.570			53	0															0					05-06
06 52	26.580			44	0															0	2	.030			06-07
07 50	26.580			31	0															0					07-08
08 50	26.580			27	0															0					08-09
09 50	26.570			19	0	0	CU	80												0	8	.010			09-10
10 50	26.560			17	0															0					10-11
11 51	26.550			18	0															0					11-12
12 52	26.530			17	0	0	CU	80												0	7	.040			12-13
13 50	26.520			16	0															0					13-14
14 58	26.480			16	0															0					14-15
15 53	26.475			16	0	0	CU	80												0	7	.055			15-16
16 54	26.460			15	0															0					16-17
17 56	26.460			15	0															0					17-18
18 53	26.470			15	0															0	5	.005			18-19
19 55	26.480			17	0															0					19-20
20 54	26.495			17	0															0					20-21
21 56	26.510			19	0															0	2	.040			21-22
22 52	26.515			24	0															0					22-23
23 54	26.520			29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	83	73	X	X						X		
	0348	1	0	0	0	83	73		0								
	0947	2	0	0	0	93	69		0								
	1547	3	0	0	0	96	92		0								
	2148	4	0	0	0	95	80		0								
	MID.	X	0	0	0	83	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.570	26.475	26.570
BAROGRAPH 64	26.530	26.570	26.465	26.500
BAR. CORR. 65	+.020	0 *	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	64	0	0	0	30	SW	1248					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 0513 SUNSET 1817

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: 0900P ± 0 Sec./ 2000 ± 0 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED
1654/SLP 065/1755

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: AUG 30 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)	OBS. OFFICE (15)
SA	0053	CLR	20			083	79	40	19	10	G14	992	103	RD
SA	0153	CLR	20			083	80	41	17	05		992		RD
SA	0252	CLR	20			085	80	41	19	08		993		RD
SA	0351	CLR	20			092	79	43	20	07		994	207 76 RAWT 20141	RD
SA	0450	CLR	20			094	79	42	18	12	G23	995		RD
SA	0555	CLR	20			095	78	43	15	07		995		RD
SA	0651	CLR	20			105	81	44	17	12	G20	997	310	RD
SA	0751	CLR	20			108	84	40	19	15	G21	998		RD
SA	0850	CLR	20			111	85	35	20	16	G25	999	07	RD
SA	0951	CLR	20			113	86	35	22	15	G24	999	214 76	RD
SA	1048	CLR	20			109	88	37	20	17	G27	998		RD
SA	1154	CLR	20			102	89	37	23	16	G21	996		RD
SA	1251	CLR	20			098	90	38	21	15	G27	995	714	RD
SA	1350	CLR	20			093	91	38	18	15	G23	994		RD
SA	1451	CLR	20			086	91	38	19	16	G21	992		RD
SA	1556	CLR	20			084	92	38	22	08	G21	992	712 73 RAWT 20121	RD
SA	1654	CLR	20			074	90	36	21	13		990		RD
SA	1752	CLR	20			079	89	34	20	12		990		RD
SA	1853	CLR	20			083	86	33	18	07		991	502	RD
SA	1953	CLR	20			086	83	32	19	06		992		RD
SA	2051	CLR	20			089	82	31	18	05		993		RD
SA	2156	CLR	20			094	81	32	34	03		994	210 73	RD
SA	2255	CLR	20			098	75	36	33	03		995		RD
SA	2355	CLR	20			095	81	33	22	07		995		RD

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 (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 30 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26520			25	0															0	1	.010			00-01
01 53	26520			25	0															0					01-02
02 52	26530			25	0															0					02-03
03 51	26.540			28	0															0	3	.020			03-04
04 50	26.545			27	0															0					04-05
05 55	26.545			29	0															0					05-06
06 51	26.570			27	0															0	3	.030			06-07
07 51	26.580			21	0															0					07-08
08 50	26.585			17	0															0					08-09
09 51	26.590			16	0															0	2	.020			09-10
10 48	26.580			17	0															0					10-11
11 49	26.560			16	0															0					11-12
12 51	26.550			16	0															0	7	.040			12-13
13 50	26.540			16	0															0					13-14
14 51	26.520			16	0															0					14-15
15 56	26515			15	0															0	7	.035			15-16
16 59	26.500			15	0															0					16-17
17 52	26.500			14	0															0					17-18
18 53	26510			15	0															0	5	.005			18-19
19 53	26520			16	0															0					19-20
20 51	26525			16	0															0					20-21
21 56	26540			17	0															0	2	.030			21-22
22 53	26545			24	0															0					22-23
23 53	26545			18	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 42	TIME (L.S.T.) 43	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	81	77	X	X						X		
	0347	1	0	0	0	83	76		0								
	0747	2	0	0	0	87	77		0								
	1548	3	0	0	0	93	86		0								
	2147	4	0	0	0	92	77		0								
	MID.	X	0	0	0	82	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.510	26.505	26.540
BAROGRAPH 64	26.520	26.510	26.505	26.525
BAR. CORR. 65	+.020	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	75	0	0	0	27	SW	1245					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 0513 SUNSET 1816

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: 0500 P ± 0 Sec./ 1800 ± 0 Sec./ ± Sec.

0451 / upp 207 / 1415

* Last of reveal occurence

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) 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: AUG 31 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 (100's°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			099	93	34	12	05		995	102	RD
SA	0152	CLR	20			099	72	36	05	05		996		RD
SA	0256	CLR	20			106	64	37	01	04		997		RD
SA	0350	CLR	20			105	67	37	00	00		997	105 67 RADAT 31139	CH
SA	0450	CLR	20			111	65	39	03	04		998		CH
SA	0550	CLR	20			115	66	40	03	06		999		CH
SA	0650	CLR	20			123	72	39	00	00		001	214	CH
SA	0750	CLR	20			121	79	40	30	05		001		CH
SA	0850	CLR	20			119	82	40	28	06		001		CH
SA	0950	CLR	20			118	86	40	28	05		001	400 64	CH
SA	1050	CLR	20			115	88	39	23	08		000		CH
SA	1150	CLR	20			104	89	38	27	03		998		CH
SA	1250	CLR	20			104	91	39	02	04		997	714	CH
SA	1350	CLR	20			092	92	41	23	06		993		CH
SA	1450	CLR	20			086	91	39	23	05		991		CH
SA	1550	CLR	20			084	91	37	22	08		990	720 1100 92 RADAT 26139	CH
SA	1651	CLR	20			081	90	35	25	08		989		MR
SA	1751	CLR	20			082	88	35	23	06		989		MR
SA	1853	CLR	20			085	83	36	31	02		990	500 1001	MR
SA	1955	CLR	20			088	76	41	02	03		991		MR
SA	2051	CLR	20			089	75	41	08	03		992		MR
SA	2157	CLR	20			088	73	40	10	04		991	003 42	MR
SA	2257	CLR	20			091	71	40	12	03		992		MR
SA	2353	CLR	20			095	70	38	05	06		993		MR

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

FM12-VII: 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 (1-92)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: AUG 31 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.545			24	0															0	1	.005			00-01
01 52	26.550			27	0															0					01-02
02 56	26.560			31	0															0					02-03
03 50	26.560			33	0															0	1	.015			03-04
04 50	26.570			38	0															0					04-05
05 50	26.580			39	0															0					05-06
06 50	26.600			30	0															0	2	.040			06-07
07 50	26.600			25	0															0					07-08
08 50	26.600			23	0															0					08-09
09 50	26.600			26	0															0	4	.000			09-10
10 50	26.590			18	0															0					10-11
11 50	26.570			17	0															0					11-12
12 50	26.560			16	0															0	7	.040			12-13
13 50	26.530			17	0															0					13-14
14 50	26.510			16	0															0					14-15
15 50	26.500			15	0	0	CU	80												0	7	.060			15-16
16 51	26.490			15	0															0					16-17
17 51	26.490			16	0															0					17-18
18 55	26.500			19	0	0	CI	250												0	5	.000			18-19
19 55	26.510			29	0															0					19-20
20 51	26.515			30	0															0					20-21
21 57	26.510			31	0															0	0	.010			21-22
22 57	26.520			32	0															0					22-23
23 53	26.530			31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	81	67	X	X						X		
	0348	1	0	0	0	82	67		0								
	0948	2	0	0	0	86	64		0								
	1548	3	0	0	0	92	85		0								
	2150	4	0	0	0	92	73		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.600	26.500	26.510
BAROGRAPH 64	26.530	26.580	26.480	26.490
BAR. CORR. 65	+.030	+.020	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	64	0	0	0	17	SW	1432					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 0514 SUNSET 1815

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

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

TIME CHECK - CLOCK AT: 0559P ± 0 Sec./ 1653P ± 0 Sec./ ± Sec.

☆U.S. G.P.O. 1982-564-008/1034