WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, NV

MONTH: July

YEAR: 1985

LATITUDE: 36° 39' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	DEGREE DAYS (Base 65°) HEATING 6a	COOLING 6b	PRECIPITATION (In.) TOTAL (Water equivalent) 7	SNOWFALL, ICE PELLETS 8	SNOW, ICE PELLETS OR ICE ON GROUND AT 9	WIND AVERAGE SPEED [redacted] KNOTS 10	Peak SPEED [redacted] KNOTS 11	DIRECTION 12	[redacted] Ave. Stn. Press 13	* PERCENT OF POSSIBLE SUN 14	SKY COVER SUNRISE TO SUNSET (Tenths) 15	WEATHER OCCURRENCES 16	RH 04 17	10 18	16 19	22 20
1	99	60	80		0	15	0	0	0	4.0	18	W	26.69	85	4		22	12	10	16
2	104	63	84		0	19	0	0	0	4.0	12	SW	26.67	98	1		24	11	8	14
3	109	62	86		0	21	0	0	0	5.5	22	SW	26.60	100	0		20	9	8	14
4	112	68	90		0	25	0	0	0	5.2	21	W	26.58	100	0		19	10	8	18
5	111	70	91		0	26	0	0	0	5.5	18	SW	26.55	96	1		23	11	9	15
6	109	80	95		0	30	0	0	0	7.6	34	SW	26.54	45	7		17	12	12	21
7	105	76	91		0	26	0	0	0	7.2	30	E	26.60	74	2		34	25	15	27
8	107	75	91		0	26	0	0	0	8.0	22	SE	26.61	72	5		27	20	13	25
9	103	86	95		0	30	T	0	0	8.4	24	SE	26.65	28	10	RW-	28	20	17	32
10	105	77	91		0	26	0	0	0	8.1	35	E	26.65	67	6		39	25	19	22
11	104	74	89		0	24	0	0	0	7.0	26	SW	26.60	95	1		39	23	14	24
12	104	78	91		0	26	0	0	0	8.6	27	SW	26.52	98	0		36	23	16	22
13	106	71	89		0	24	0	0	0	6.1	24	SW	26.49	100	0		28	17	13	18
14	104	73	89		0	24	0	0	0	9.3	27	SW	26.53	62	8		26	15	14	19
15	103	72	88		0	23	0	0	0	7.2	26	SW	26.53	57	8		25	15	17	28
16	95	72	84		0	19	0	0	0	7.0	20	SE	26.54	31	8		39	25	32	37
17	101	71	86		0	21	0	0	0	8.4	29	SW	26.53	67	7		48	30	20	34
18	84	67	76		0	11	0.01	0	0	12.3	29	NE	26.64	32	9	T, RW-	76	55	49	71
19	90	67	79		0	14	T	0	0	8.9	23	NE	26.64	45	8	T, RW-	82	47	45	54
20	84	68	76		0	11	0.12	0	0	9.5	28	SE	26.62	49	7	T, RW-	85	57	59	62
21	92	65	79		0	14	0.25	0	0	6.2	19	N	26.56	57	4	T, RW	81	58	30	55
22	97	65	81		0	16	0	0	0	5.4	24	SW	26.52	100	0		74	29	16	37
23	98	68	83		0	18	0	0	0	7.4	20	W	26.50	97	1		40	20	15	25
24	101	75	88		0	23	0	0	0	7.0	19	NE	26.49	82	2		37	23	16	31
25	100	76	88		0	23	T	0	0	6.0	30	SE	26.56	35	7	RW-	31	22	18	21
26	101	71	86		0	21	0	0	0	6.0	23	SW	26.58	65	3		33	21	14	26
27	102	72	87		0	22	0	0	0	5.9	25	SW	26.56	74	3		36	21	15	27
28	100	72	86		0	21	0	0	0	8.9	31	S	26.51	85	1		26	16	13	19
29	96	71	84		0	19	0	0	0	13.6	32	S	26.44	100	0		39	22	12	18
30	92	68	80		0	15	0	0	0	11.4	32	S	26.46	100	0		28	22	14	21
31	95	64	80		0	15	0	0	0	10.7	32	S	26.49	100	0		27	17	11	20
SUM	3113	2197	—	—	0	648	0.38	0	—	236.3	—	—	823.45	—	113	—	1189	733	572	873
AVG	100.4	70.9	—	—	—	—	—	—	—	7.6	FASTEST	DIRECTION	[redacted]	%		—	38	24	18	28
[redacted]										MISC. →	35	E	26.56		3.6	—				

TEMPERATURE DATA

AVERAGE MONTHLY 85.6
DEPARTURE FROM NORMAL 1.1
HIGHEST 112 ON 4
LOWEST 60 ON 1

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 648
DEPARTURE FROM NORMAL 35
SEASONAL TOTAL 1337
DEPARTURE FROM NORMAL 142

*Estimated

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.38 IN.
DEPARTURE FROM NORMAL ____ IN.
GREATEST IN 24 HRS. 0.25 ON 21

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

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 17
PARTLY CLOUDY (Scale 4–7) 8
CLOUDY (Scale 8–10) 6
WITH 0.01 INCH OR MORE PRECIP. 3
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

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

MAXIMUM PRECIPITATION

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

Stn Press
HIGHEST [redacted] 26.730 IN. ON 1
LOWEST [redacted] 26.365 IN. ON 29

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
(8-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 1

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	0053	CLR	20			148	68	21	07	03		008	500 1005	WRC
SA	0052	CLR	20			147	66	18	00	00		008		WRC
SA	0150	CLR	20			150	67	20	11	05		010		WRC
SA	0357	CLR	20			152	62	23	00	00		010	103 1001 62 RADAT 22157	CRD
SA	0453	CLR	20			159	61	21	10	03		012	Few Ci	CRD
SA	0551	CLR	20			163	68	22	00	00		013	Few Ci	CRD
SA	0652	CLR	20			164	74	24	00	00		014	214 1001	CRD
SA	0751	250 - SCT	20			167	82	20	00	00		015		CRD
SA	0850	250 - SCT	20			167	89	23	26	05		015		CRD
SA	0950	250 - SCT	20			168	92	32	28	05		015	002 1004 60	CRD
SA	1052	250 - SCT	20			161	93	34	27	10		013		CRD
SA	1150	250 - SCT	20			159	96	33	29	06		013		CRD
SA	1250	250 - SCT	20			156	98	37	27	05		012	808 1001	CRD
SA	1351	250 - SCT	20			154	99	37	22	06		011		CRD
SA	1450	250 - BKN	20			153	98	37	28	05		011		CRD
SA	1552	250 - BKN	20			147	98	34	25	09	18	008	810 1001 99 RADAT 20164	WRC
SA	1652	250 - BKN	20			144	95	31	25	08		007		WRC
SA	1752	250 - BKN	20			142	93	29	26	07		007		WRC
SA	1852	250 - BKN	20			144	90	30	24	07		008	500 1001	WRC
SA	1952	250 - BKN	20			147	86	33	19	03		010		WRC
SA	2052	250 - SCT	20			155	80	25	00	00		012		WRC
SA	2150	250 - SCT	20			155	75	26	08	03		012	006 1001 99	WRC
SA	2252	250 - SCT	20			160	71	25	03	03		013		WRC
SA	2352	250 SCT	20			155	72	24	05	03		012		WRC

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:1984-0-764-006/5085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 1

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	26.670	68.0	47.0	16	0	0	Cl	250												0	5	.000			00-01
01 52	26.670	65.7	45.4	16	0															0					01-02
02 50	26.680	66.7	46.3	17	0															0					02-03
03 57	26.680	62.3	45.0	22	0	0	Cl	250												0	1	.010			03-04
04 53	26.695	60.8	43.8	22	0															0					04-05
05 54	26.710	68.3	47.5	17	0															0					05-06
06 52	26.720	73.9	50.2	15	0	0	Cl	250												0	2	.040			06-07
07 51	26.730	82.0	52.9	10	2															0					07-08
08 50	26.730	88.7	56.0	9	2															0					08-09
09 50	26.725	91.7	59.2	12	2	2	Cl	250												0	0	.005			09-10
10 52	26.710	92.8	60.0	12	3															1					10-11
11 50	26.710	95.8	60.8	11	5															1					11-12
12 50	26.700	98.0	62.7	12	4	4	Cl	250												1	8	.025			12-13
13 51	26.690	98.9	63.0	12	5															2					13-14
14 50	26.690	98.1	62.8	12	6															3					14-15
15 52	26.670	97.6	61.8	11	7	7	Cl	250												3	8	.030			15-16
16 52	26.660	95.3	60.3	10	7															3					16-17
17 52	26.660	93.0	59.0	10	8															4					17-18
18 52	26.670	90.4	58.1	11	8	8	Cl	250												4	5	.000			18-19
19 52	26.680	85.7	57.2	15	7															3					19-20
20 52	26.700	80.2	53.1	13	5															2					20-21
21 50	26.700	74.8	51.1	16	4	4	Cl	250												2	0	.000			21-22
22 52	26.710	70.7	49.2	18	3															1					22-23
23 52	26.700	72.2	49.6	16	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 0350	X	0	0	X	71	62	X	X						X		
	0350	1	0	0	0	71	62		0								
	0942	2	0	0	0	94	60		0								
	1548	3	0	0	0	99	92		0								
	2148	4	0	0	0	99	75		0								
	MID.	X	0	0	0	75	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.725	26.670	26.700
BAROGRAPH 64	26.670	26.715	26.670	26.695
BAR. CORR. 65	+.010	0*	+0.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	60	0	0	0	18	W	1548					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0910P ±0 Sec./ 2311 ±0 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED.

2150/APP 010/1200 7-2-85

SP=

RS=

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

☆ U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1985 JUL 2

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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. METHOD (13b)
SA	0052	250 -SCT	20			153	72	24	05	06		012	000 1001	WRG
SA	0152	250 -SCT	20			153	71	30	00	00		012		WRG
SA	0250	CLR	20			155	67	24	12	04		012	FEW CI 5E	WRG
SA	0355	CLR	20			160	64	26	05	03		013	302 1001 63 RADAT 20164	CRD
SA	0456	250-SCT	20			166	64	28	10	03		014		CRD
SA	0551	250-SCT	20			169	66	28	14	02		015		CRD
SA	0651	250-SCT	20			170	75	32	00	00		016	210 1001	CRD
SA	0753	250-SCT	20			166	84	31	00	00		015		CRD
SA	0856	250-SCT	20			155	92	35	24	04		013		CRD
SA	0954	CLR	20			158	95	33	30	03		013	608 1001 63	CRD
SA	1056	CLR	20			153	98	34	23	06		012	FEW CI	CRD
SA	1152	CLR	20			144	99	33	33	03		010	FEW CI	CRD
SA	1251	CLR	20			141	102	33	33	04		008	714 1001	CRD
SA	1350	CLR	20			136	102	30	13	02		007		CRD
SA	1450	CLR	20			128	102	32	14	07		004		CRD
SA	1552	CLR	20			124	103	32	21	12		003	717 04 RADAT 20167	WRG
SA	1652	CLR	20			117	101	30	00	00		001		WRG
SA	1752	CLR	20			116	101	30	25	05		001		WRG
SA	1852	CLR	20			115	96	30	24	07		001	607	WRG
SA	1952	CLR	20			120	85	25	01	07		002		WRG
SA	2052	CLR	20			124	78	26	08	04		003		WRG
SA	2152	CLR	20			126	75	24	01	06		004	210 04	WRG
SA	2252	CLR	20			125	74	25	00	00		004		WRG
SA	2352	CLR	20			126	71	26	15	04		004		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: 1985 JUL 3

To convert L.S.T. to GMT ADD 6 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	26.700	71.7	49.3	16	2	2	Cl	250																	00-01
0152	26.700	71.4	50.7	21	1															1	0	.000			01-02
0250	26.700	67.2	47.4	19	0															0					02-03
0355	26.705	63.9	46.5	24	0	0	Cl	250												0					03-04
0456	26.720	63.8	46.8	25	1															0	3	.005			04-05
0551	26.730	68.3	48.8	22	2															0					05-06
0651	26.735	74.8	52.8	21	2	2	Cl	250												1	2	.030			06-07
0753	26.730	83.7	56.0	15	2															1					07-08
0856	26.710	92.3	60.3	13	2															1					08-09
0954	26.710	95.3	60.7	11	0	0	Cl	250												0	6	.025			09-10
1056	26.695	98.3	61.9	10	0															0					10-11
1152	26.680	99.0	62.0	10	0															0					11-12
1251	26.670	101.9	62.8	9	0	0	Cl	250												0	7	.040			12-13
1350	26.660	102.3	62.5	8	0															0					13-14
1450	26.630	102.2	62.8	9	0															0					14-15
1552	26.620	103.0	63.2	9	0															0	7	.050			15-16
1652	26.600	101.3	62.0	8	0															0					16-17
1752	26.600	100.7	61.9	9	0															0					17-18
1852	26.600	95.8	60.2	10	0															0	6	.020			18-19
1952	26.610	85.0	55.0	11	0															0					19-20
2052	26.620	78.4	52.7	15	0															0					20-21
2152	26.630	75.0	50.9	15	0															0	2	.030			21-22
2252	26.630	74.2	50.7	16	0															0					22-23
2352	26.630	71.0	49.7	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 0350	X	0	0	X	73	63	X	X						X		
	0350	1	0	0	0	75	63		0								
	0948	2	0	0	0	95	63		0								
	1548	3	0	0	0	104	95		0								
	2148	4	0	0	0	103	75		0								
	MID.	X	0	0	0	76	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.705	26.710	26.620	26.630
BAROGRAPH 64	26.700	26.710	26.620	26.610
BAR. CORR. 65	+.005	0	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
104	63	0	0	0	12	SW	1544					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 SUNSET

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

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

TIME CHECK-CLOCK AT: 0900 ± 0 Sec./ 2244 ± 0 Sec./ ± Sec.

SP=

RS=

MF1-10B (10-83)

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

☆U.S.GPO:1983-0-764-006/6069

MK 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: 1985 JUL 3

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 (13b)
SA	0052	CLR	20			126	71	27	12	05		004	400	WRG
SA	0152	CLR	20			125	66	23	12	03		003		WRG
SA	0250	CLR	20			124	65	26	00	00		003		WRG
SA	0351	CLR	20			128	65	24	13	03		004	500 63 RADAT 20162	WRG
SA	0452	CLR	20			131	64	24	10	06		005		WRG
SA	0552	CLR	20			128	73	26	10	02		005		WRG
SA	0651	CLR	20			131	79	30	13	02		006	307	WRG
SA	0750	CLR	20			134	87	31	10	03		006		WRG
SA	0855	CLR	20			125	95	32	00	00		004		WRG
SA	0958	CLR	20			124	100	33	00	00		004	607 62	WRG
SA	1053	CLR	20			120	104	33	26	04		003		WRG
SA	1153	CLR	20			112	106	31	26	11	*	001		WRG
SA	1257	CLR	20			106	108	32	29	11	*	999	714	WRG
SA	1354	CLR	20			105	109	32	24	13	*	998		WRG
SA	1452	CLR	20			100	107	33	E26	09	*	996	COR(2257)	WRG
SA	1552	CLR	20			096	107	34	E26	09	G18	995	714 09 RADAT 24155	WRG
SA	1652	CLR	20			093	106	32	E26	10		994		WRG
SA	1752	CLR	20			090	104	33	E25	09		994		WRG
SA	1852	CLR	20			089	99	33	E25	05		994	603	WRG
SA	1952	CLR	20			097	87	28	E36	04		996		WRG
SA	2050	CLR	20			103	84	28	E03	05		998		WRG
SA	2152	CLR	20			104	81	27	E02	08		999	115 09	WRG
SA	2252	CLR	20			104	79	27	E03	05		999		WRG
SA	2352	CLR	20			104	75	26	E08	05		999		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_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 3

To convert L.S.T. to GMT ADD 8 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.630	71.2	49.9	19	0															0	4	.000			00-01
01 52	26.620	66.4	46.8	19	0															0					01-02
02 50	26.620	65.2	47.1	23	0															0					02-03
03 54	26.630	64.6	46.1	21	0															0	5	.000			03-04
04 52	26.635	64.0	46.0	22	0															0					04-05
05 52	26.640	73.4	50.7	17	0															0					05-06
06 51	26.650	79.4	54.0	16	0															0	3	.020			06-07
07 52	26.650	86.7	57.2	14	0															0					07-08
08 55	26.630	94.9	60.2	11	0															0					08-09
09 58	26.630	100.1	62.0	9	0															0	6	.020			09-10
10 53	26.620	104.2	63.7	9	0															0					10-11
11 53	26.600	105.6	63.8	8	0															0					11-12
12 57	26.580	107.8	64.5	7	0															0	7	.040			12-13
13 54	26.580	108.7	65.0	7	0															0					13-14
14 52	26.570	106.8	64.6	8	0															0					14-15
15 52	26.550	107.0	64.9	8	0															0	7	.040			15-16
16 52	26.540	106.3	64.1	8	0															0					16-17
17 52	26.540	104.2	63.9	9	0															0					17-18
18 52	26.540	98.5	61.9	10	0															0	6	.010			18-19
19 52	26.555	87.4	56.7	12	0															0					19-20
20 50	26.560	83.9	55.4	13	0															0					20-21
21 52	26.585	80.9	54.0	14	0															0	1	.015			21-22
22 52	26.585	78.8	53.0	15	0															0					22-23
23 52	26.585	76.0	51.4	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	72	63	X	X						X		
	0350	1	0	0	0	76	63		0								
	0954	2	0	0	0	100	62		0								
	1548	3	0	0	0	109	100		0								
	2148	4	0	0	0	107	81		0								
	MID.	X	0	0	0	81	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0958	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.630	26.580	26.585
BAROGRAPH 64	26.615	26.615	26.545	26.565
BAR. CORR. 65	+.015	+.015	+.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
109	62	0	0	0	22	SW*	1323					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 SUNSET

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: 0525P @ 2 Sec./ 2241 @ 1 Sec./ ± Sec.

* DIRECTION THESE 2 HOURS 30° OFF S/B 230 AND 260 - WIND EQUIP ORINTATED 30° OFF - TAKING WIND EQUIP OUT OF SERVICE UNTIL 7/8/85 - WILL ESTIMATE WINDS UNTIL THAT TIME 1351/1454 1452/1457

* MAX WIND direction estimated from SFC obs.

SP=

RS=

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

☆ U.S.GPO:1983-0-764-006/5069

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 4

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			104	74	29	00	00		999	400	WRG
SA	0152	CLR	20			104	74	27	00	00		999		WRG
SA	0250	CLR	20			106	71	28	09	03		999		WRG
SA	0350	CLR	20			108	70	26	00	00		999	302 67 RADAT 20161	WRG
SA	0453	CLR	20			116	69	27	E05	03		002		WRG
SA	0553	CLR	20			116	77	34	00	00		003		WRG
SA	0654	CLR	20			125	84	34	E15	03		005	217	WRG
SA	0753	CLR	20			127	91	36	00	00		005		WRG
SA	0852	CLR	20			120	92	36	E14	06		004		WRG
SA	0951	CLR	20			120	101	37	E23	09		004	603 1100 68	WRG
SA	1052	CLR	20			117	103	36	E19	10		003	FEW CU	WRG
SA	1151	CLR	20			115	105	35	E27	09		002	FEW CU	WRG
SA	1253	CLR	20			107	106	37	E25	05		999	814 1100	WRG
SA	1352	CLR	20			098	107	36	E27	09		997	FEW CU	WRG
SA	1451	CLR	20			091	109	38	E27	09		995	FEW CU	WRG
SA	1557	CLR	20			087	107	36	E27	08	821	994	FEW CU/719 1100 12 RADAT 20162	SEA
SA	1659	CLR	20			086	107	36	E22	11	819	994	FEW CU	SEA
SA	1756	CLR	20			079	105	37	E25	11		993	FEW CU	SEA
SA	1854	CLR	20			082	100	37	E21	09		994	502	SEA
SA	1957	CLR	20			086	92	37	E01	04		995		SEA
SA	2053	CLR	20			094	85	34	E01	04		997		SEA
SA	2156	CLR	20			094	82	35	E04	04		997	110 12	SEA
SA	2254	CLR	20			094	80	34	E02	07		997		SEA
SA	2358	CLR	20			096	78	35	00	00		998		SEA

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NY

DATE: 1985 JUL 4

To convert LST to GMT ADD 5 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	74.2	51.6	19	0	·																			
01 52	26.585	74.0	51.1	17	0															0	4	.000			00-01
02 50	26.585	70.7	49.9	20	0															0					01-02
03 50	26.590	69.8	49.1	19	0	·														0					02-03
04 53	26.610	67.2	49.0	20	0															0	3	.005			03-04
05 53	26.620	77.4	54.4	21	0															0					04-05
06 54	26.640	84.0	57.0	17	0	·														0					05-06
07 55	26.640	90.9	59.9	14	0															0	2	.050			06-07
08 52	26.630	97.6	62.2	12	0															0					07-08
09 51	26.630	101.0	63.7	11	0	0	CU	100												0					08-09
10 52	26.620	103.1	64.2	10	0															0	6	.010			09-10
11 51	26.610	104.8	64.5	9	0															0					10-11
12 53	26.590	106.0	65.2	9	0	0	CU	100												0					11-12
13 52	26.570	106.8	65.3	9	0															0	8	.040			12-13
14 54	26.550	108.7	66.3	9	0															0					13-14
15 57	26.535	107.4	65.6	9	0	0	CU	100												0					14-15
16 59	26.530	106.5	65.3	9	0															0	7	.055			15-16
17 56	26.520	105.0	65.0	10	0															0					16-17
18 54	26.530	100.3	63.5	11	0	·														0					17-18
19 57	26.540	92.0	60.6	14	0															0	5	.005			18-19
20 53	26.560	85.0	57.4	16	0															0					19-20
21 56	26.560	81.9	56.5	19	0	·														0					20-21
22 58	26.560	80.1	55.4	19	0															0	1	.030			21-22
23 58	26.565	78.0	55.0	21	0															0					22-23
																				0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	75	69	X	X						X		
	0346	1	0	0	0	81	69		0								
	0947	2	0	0	0	101	68		0								
	1552	3	0	0	0	112	101		0								
	2150	4	0	0	0	111	82		0								
	MID.	X	0	0	0	82	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1557	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.630	26.535	26.560
BAROGRAPH 64	26.573	26.615	26.530	26.550
BAR. CORR. 65	+.015	+.015	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
112	68	0	0	0	21	W	1547					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 SUNSET

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: 0556P @ 2 Sec./2359P @ 2 Sec./ ± Sec.

2358/2355 (CONT) F420C INOP (DIRECTION ONLY)

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6009

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: 05 JUL 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0056	CLR	20			094	76	33	00	00		997	000	SEA
SA	0153	CLR	20			094	75	32	E02	04		997		SEA
SA	0253	CLR	20			096	73	32	00	00		998		SEA
SA	0355	CLR	20			099	71	32	00	00		997	303 1500 70 RADAT 27160	[illegible]
SA	0454	CLR	20			104	71	33	E04	03		998	SC DSNT SE	[illegible]
SA	0555	CLR	20			107	78	35	E13	03		000	K LYR DSNT SW FEW SC	[illegible]
SA	0650	CLR	20			112	84	38	00	00		002	214 1080	[illegible]
SA	0755	CLR	20			112	92	38	00	00		002	K ALGDS	[illegible]
SA	0853	CLR	20			112	98	38	E22	04		002	K ALGDS	[illegible]
SA	0952	CLR	20			108	103	39	E20	08		001	K ALGDS / 803 1080 70	[illegible]
SA	1054	CLR	10			104	106	40	E24	07		999	K ALGDS CU SE AC NE	[illegible]
SA	1153	CLR	10			102	107	40	E19	12		999	K ALGDS FEW CU AC	[illegible]
SA	1253	CLR	20			096	109	37	E23	07		997	810 1141	[illegible]
SA	1355	CLR	20			087	109	38	E26	09		995	FEW CU	[illegible]
SA	1453	CLR	20			082	109	38	E24	12		993	TCU DSNT N	[illegible]
SA	1559	250 SCT	20			075	109	39	E24	10		992	BLDS CU SE / 720 1202 11	SEA
/	/											/	RADAT 11160	/
SA	1657	250 SCT	20			073	107	38	E26	08		991	FEW CU	SEA
SA	1754	250 SCT	20			069	105	37	E22	10		990	FEW CU	SEA
SA	1853	250-BKN	20			068	101	38	E21	09		990	FEW CU/AC/ 605 1274	SEA
SA	1952	250-BKN	20			072	92	34	E03	04		991		SEA
SA	2057	CLR	20			080	87	34	E04	06		993	FEW CI	SEA
SA	2157	CLR	20			081	85	34	E02	07		994	FEW CI/ 112 1002 11	SEA
SA	2252	160 SCT 250 SCT	20			081	82	34	E04	03		994		SEA
SA	2356	E160BKN 250 BKN	20			082	86	35	E04	06		995		SEA

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WRNO, DESERT ROCK NEVADA

DATE: 05 JUL 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.560	76.1	53.6	21	0															0	0	.000			00-01
01 52	26.560	74.6	53.0	21	0															0					01-02
02 53	26.565	72.5	52.0	23	0															0					02-03
03 55	26.570	71.2	51.4	24	0	0	SC	100												0	3	.010			03-04
04 54	26.580	70.8	51.3	24	0															0					04-05
05 55	26.595	78.2	55.0	21	0															0					05-06
06 50	26.610	84.2	58.4	20	0	0	AC	150												0	2	.040			06-07
07 55	26.610	92.4	61.0	15	0															0					07-08
08 53	26.610	98.3	63.2	13	0															0					08-09
09 52	26.600	102.7	64.7	11	0	0	AC	160												0	8	.010			09-10
10 54	26.590	105.6	66.0	11	0															0					10-11
11 53	26.585	106.7	66.4	11	0															0					11-12
12 53	26.570	108.8	66.3	9	0	0	CU	100	0	ACSL	160	0	0	CI	250	0				0	8	.030			12-13
13 55	26.545	109.0	66.5	9	0															0					13-14
14 53	26.530	108.7	66.3	9	0															0					14-15
15 59	26.510	109.4	66.8	9	1	0	CU	90	1	CI	250	1								1	7	.060			15-16
16 57	26.500	106.7	65.9	10	1															1					16-17
17 54	26.495	104.8	65.0	10	2															2					17-18
18 53	26.495	100.7	63.8	11	6	0	CU	90	0	AC	160	0	6	CI	250	6				2	6	.015			18-19
19 52	26.505	92.0	59.9	13	7															2					19-20
20 57	26.525	86.8	58.0	15	0															0					20-21
21 57	26.530	85.0	57.2	16	0	0	CI	250												0	1	.035			21-22
22 52	26.530	82.2	56.2	17	1															1					22-23
23 56	26.540	86.0	58.0	16	7															4					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351		0	0		78	70										
	0351	1	0	0	0	82	70		0								
	0948	2	0	0	0	103	70		0								
	1553	3	0	0	0	111	102		0								
	2150	4	0	0	0	109	85		0								
	MID.		0	0	0	89	81										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0952	1559	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.510	26.530
BAROGRAPH 64	26.565	26.600	26.520	26.535
BAR. CORR. 65	+.005	±.0	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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
111	70	0	0	0	18	SW	1307					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 SUNSET

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: 0612P @2 Sec./ 2200PST @2 Sec./ ± Sec.

(CONT) E420C INOP (DIRECTION ONLY)

* BAROGRAPH CHANGED RESET TO ±.0 CORR

✓ LAST OF 2 OCCURRANCES

SP=

RS=

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

☆ U.S.GPO:1983-0-764-008/6069

MF1-10A (6-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: 06 JUL 1985

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)	CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTER INITIALS (15)
SA	0057	E100 BKN 160 OVC	20			083	83	34	00	00		995	SIRL SML WNDVC / 103 157/	SEA
SA	0154	100 SCT E160 BKN	20			082	84	34	E09	06		995	VIRGA NE-E AND S	SEA
SA	0254	100 SCT E160 BKN 250 BKN	20			080	80	34	E09	03		994		SEA
SA	0353	E100 BKN 180 BKN 270 BKN	20			079	86	37	E01	08		993	603 1481 80 RADAT 44157	[illegible]
SA	0456	E 100 BKN 270 BKN	20			085	80	38	E05	05		994	CB NE TCU ALGDS	[illegible]
SA	0554	E 100 BKN 270 BKN	20			093	83	38	E16	04		996	CB NE DSIPTD	[illegible]
SA	0654	100 SCT 180 SCT 270-BKN	20			094	91	39	E21	03		997	TCU NE/ 214 1281	[illegible]
SA	0752	100 SCT E 180 BKN 270 BKN	20			101	94	39	E33	09		998	CB VIRGA W-NW	[illegible]
SA	0853	100 SCT 180 SCT E 270 BKN	20			098	97	39	E25	05		997		[illegible]
SA	0953	100 SCT 180 SCT E 270 BKN	20			100	100	40	E33	10		998	CBMAM SE-SW / 103	[illegible]
—	—												1982 80	—
SA	1052	100 SCT 160 SCT E 270 BKN	20			106	101	43	E21	06		999		[illegible]
SA	1152	E100 BKN 160 BKN 270 BKN	20			097	102	42	E22	16	G26	997	CB N NE AND SE MOVG N	[illegible]
SA	1252	100 SCT E 270 BKN	20			089	106	43	E22	08	G20	995	CB DSNT N-NE / 810 1902	[illegible]
SA	1354	100 SCT 270 SCT	20			079	108	42	E26	08		993	CB DSNT NE	[illegible]
SA	1452	E110 BKN 170 BKN 270 BKN	20			074	104	41	E24	09		991	CB NE-SE MOVG N	[illegible]
SA	1558	90 SCT 110 SCT 160 SCT E 250 BKN	20			064	105	43	E21	07		989	CB ~~NE~~ N E AND SE MOVG N	SEA
/	/				/	ACSL	NW	/	720	1343			09 RADAT 58156	/
SA	1659	90 SCT 120 SCT 160 SCT 250 SCT	20			063	105	43	E22	13		988	CB NE E AND SE MOVG NE	SEA
/	/											/	ACSL NW-N	/
SA	1756	250 SCT	20			063	102	44	E20	12		988	CB DSNT NE MOVG N ACSL	SEA
/	/											/	W AND NW FEW CU	/
SA	1856	100 SCT 160 SCT 250 SCT	20			069	98	48	E19	09		991	CB NE-E MOVG N ACSL W/ 303	SEA
/	/											/	1348	/
SA	1954	250 SCT	20			077	96	49	E18	13	G19	993	FEW CU/AC	SEA
SA	2055	250 SCT	20			085	93	50	E18	07		995	OCNL LTG DSNT NE	SEA
SA	2154	CLR	20			083	92	47	E17	09		995	OCNL LTG DSNT N-NE FEW	SEA
/	/											/	CU DSNT SE/ 114 1001 09	/
SA	2250	CLR	20			095	89	47	E09	08		998	FEW CU/AC/CI	SEA
SA	2354	CLR	20			091	88	46	E13	05		997	FEW CI E	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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WEMO, DESERT ROCK NEVADA

DATE: 06 JUL 1985

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	26.540	83.4	56.8	17	10	6	SC	E100	6	AC	160	10								8	1	.010			00-01
01 54	26.540	84.0	57.1	17	8															6					01-02
02 54	26.530	80.0	55.5	19	9															6					02-03
03 53	26.530	86.0	58.6	18	9	6	SC	E100	2	AC	180	8	1	CI	220	9				5	6	.010			03-04
04 56	26.540	80.3	56.7	22	9															9					04-05
05 54	26.560	83.4	58.0	20	7															5					05-06
06 54	26.570	91.3	61.0	16	7	1	TCU	100	3	AC	180	4	3	CI	270	7				3	2	.040			06-07
07 52	26.580	93.9	61.9	15	8															5					07-08
08 53	26.570	96.6	63.0	14	8															6					08-09
09 53	26.580	99.7	64.1	13	9	4	CB	100	1	AC	180	5	4	CI	E270	9				7	1	.010			09-10
10 52	26.590	100.9	65.5	14	8															7					10-11
11 52	26.570	101.7	65.6	13	9															8					11-12
12 52	26.550	106.0	67.0	12	7	3	CB	100	4	CI	E270	7								5	8	.030			12-13
13 54	26.530	108.1	67.4	11	5															4					13-14
14 52	26.510	103.8	65.8	12	8															8					14-15
15 58	26.490	104.8	66.8	13	7	3	CB	90	1	SC	110	4	0	ACSL	160	4	3	CI	E250	7	7	.060			15-16
16 59	26.480	104.7	66.6	12	4															4					16-17
17 56	26.460	102.2	66.4	14	2															2					17-18
18 56	26.500	98.2	66.4	18	2	1	CB	100	0	ACSL	160	1	1	CS	250	2				2	3	.010			18-19
19 57	26.520	95.7	66.0	20	2															2					19-20
20 55	26.540	93.0	65.6	23	1															1					20-21
21 54	26.540	91.6	64.0	22	0	0	CI	250												0	1	.040			21-22
22 55	26.570	89.0	63.0	23	0															0					22-23
23 54	26.560	88.2	62.5	23	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		86	80										
	0349	1	0	0	0	89	80		0								
	0949	2	0	0	0	100	80		0								
	1553	3	0	0	0	109	100		0								
	2149	4	0	0	0	107	90		0								
	MID.		0	0	0	92	85										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1558	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.580	26.540	26.540
BAROGRAPH 64	26.530	26.580	26.495	26.540
BAR. CORR. 65	0	0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	6A(M) 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
109	80	0	0	0	34	SW	1200					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 0556P @ 2 Sec./ 2158PST @ 1 Sec./ ± Sec.

(CONT) E420C INOP (DIRECTION ONLY)

← LAST OF 2 OCCURRANCES

1558 / 1557

SP=

RS=

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

☆ U.S.GPO:1983-0-764-006/5069

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], DESERT ROCK NEVADA

DATE: 07 JUL 1985

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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (18)
SA	0054	CLR	20			095	84	46	E02	05		998	FEW AC/ 110 1030	SEA
SA	0150	CLR	20			093	84	47	E36	08		998		SEA
SA	0252	~~CLR~~ 250-SCT	20			100	77	47	00	00		999		SEA
SA	0353	250-SCT	20			108	80	49	E09	04		001	310100176 RADAT 44153	JC
SA	0450	CLR	20			117	77	49	E05	06		003		JC
SA	0553	CLR	20			121	81	49	E34	05		004		JC
SA	0655	CLR	20			128	87	51	00	00		007	217 1001	JC
SA	0754	CLR	20			128	91	52	E24	04		007		JC
SA	0855	CLR	20			122	96	57	E11	10		005		JC
SA	0953	CLR	20			118	98	56	E12	10		004	801 1100 76	JC
SA	1052	80 SCT	20			118	100	53	00	00		004	TCU E	JC
SA	1154	E80 BKN 250 BKN	20			110	101	54	E22	05		002	TCU N-E	JC
SA	1258	E80 BKN 250 BKN	20			101	101	53	E13	08		999	TCU N-SE/817 1201	JC
SA	1350	E80 BKN 250 BKN	20			100	103	51	E09	15	30	999	CB N-SE STNRY	JC
SA	1457	E80 BKN 160 BKN 250 BKN	20			105	99	51	E10	16	25	999	CB N-SE STNRY	JC
													ACSL NW	
SA	1557	E80 BKN 250 BKN	20			105	96	42	E09	11	21	999	CB N-Q05/400 1901	EP
													05 RADAT 66155	
SA	1658	80 SCT 250-BKN	20			093	97	47	E10	07		995	CB N-E MOVG NE	EP
SA	1754	CLR	20			091	99	47	E10	10		995	CB MOVD NE FEW CU CI	EP
SA	1853	CLR	20			094	95	47	E10	11		996	507 1403	EP
SA	1951	CLR	20			096	94	48	E10	12		997		EP
SA	2050	CLR	20			105	87	47	E10	09		999		EP
SA	2153	CLR	20			105	84	47	E35	08		999	110 1400 05	EP
SA	2254	CLR	20			110	83	46	E10	03		001		EP
SA	2351	CLR	20			110	78	44	E05	05		001		EP

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 07 JUL 1985

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	26.570	83.7	60.9	27	0	0	Ac	120												0	1	.030			00-01
01 50	26.570	84.4	61.8	28	0															0					01-02
02 52	26.575	77.0	58.9	34	1															0					02-03
03 53	26.600	79.8	61.0	34	1	1	Ci	250												0	3	.030			03-04
04 50	26.620	77.2	59.9	37	0															0					04-05
05 53	26.630	81.2	61.5	33	0															0					05-06
06 55	26.650	87.0	64.2	29	0	0	Ci	250												0	3	.050			06-07
07 54	26.650	90.7	66.0	27	0															0					07-08
08 55	26.640	95.7	69.5	27	0															0					08-09
09 53	26.630	97.6	68.9	26	0	0	Cu	80												0	8	.040			09-10
10 53	26.630	100.2	69.0	21	1															1					10-11
11 54	26.610	100.6	69.8	22	6															5					11-12
12 53	26.580	101.0	69.4	21	7	7	Tcu	E80	0	Ci	250	7								7	8	.050			12-13
13 50	26.580	102.8	69.0	18	8															8					13-14
14 51	26.580	98.8	67.8	20	9															9					14-15
15 57	26.580	96.3	63.8	16	9	9	Cb	E80	0	Ci	250	9								9	4	.000			15-16
16 58	26.550	97.4	66.0	18	6															2					16-17
17 54	26.550	98.9	66.5	18	0															0					17-18
18 53	26.560	94.5	65.0	20	0	0	Sc	100	0	Ci	250	0								0	5	.020			18-19
19 51	26.565	91.7	64.5	23	0															0					19-20
20 50	26.590	87.3	62.7	25	0															0					20-21
21 53	26.590	84.3	61.6	27	0	0	Sc	100												0	1	.030			21-22
22 54	26.600	82.8	60.5	27	0															0					22-23
23 51	26.600	78.4	58.5	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		89	76										
	0848	1	0	0	0	92	76		0								
	0949	2	0	0	0	100	76		0								
	1552	3	0	0	0	105	96		0								
	2150	4	0	0	0	100	84		0								
	MID.		0	0	0	84	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0851	1553	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.580	26.590
BAROGRAPH 64	26.590	26.630	26.585	26.580
BAR. CORR. 65	+.010	±0	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
105	76	0	0	0	30	E	1340					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 SUNSET

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: 1746P (D) Sec./ 2155 (D) Sec./ ± Sec.

(CONT) F420C INOP (DIRECTION ONLY)

0252/0250 1951/1951

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 08 JUL 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0053	CLR	20			115	76	43	E35	05		002	307 1001	EP
SA	0151	CLR	20			109	80	45	E05	06		001		EP
SA	0250	CLR	20			109	83	46	E03	14	G21	001		EP
SA	0353	CLR	20			125	84	46	E04	08		005	310 100175 RADAT 43153	JC
SA	0452	250-SCT	20			125	81	47	E03	11		005	FEW CU SE	JC
SA	0554	250-SCT	20			132	84	48	E03	12		008		JC
SA	0650	250-SCT	20			136	88	48	E02	11		009	FEW CU W/310 1101	JC
SA	0751	CLR	20			136	90	47	E01	13		009		JC
SA	0853	250-SCT	20			133	95	49	E02	06		008	FEW CU SE	JC
SA	0953	250-SCT	20			133	99	52	E11	03		008	703 1101 75	JC
SA	1051	250-BKN	20			128	102	48	E11	13		007	CB SE STNRY	JC
SA	1154	250-BKN	20			117	104	51	E12	09		003	CB SE STNRY	JC
SA	1253	80SCT E250 BKN	20			113	104	49	E11	09		002	CB SE STNRY/717	JC
/													1305	/
SA	1354	80SCT 160SCT E250 OVC	20			106	103	53	05	03		000	CB RWU SE STNRY	JC
SA	1450	80SCT 160SCT E250 BKN	20			101	105	50	10	14G20		999	CB RWU SE STNRY	JC
SA	1555	90SCT E250 BKN	20			088	106	46	09	07		995	CB OVR MTNS SE/820	EP
/												/	1903 07 RADAT 68158	/
SA	1652	90SCT 250 SCT	20			081	106	39	22	04		993	CB N	EP
SA	1753	90 SCT 250-BKN	20			082	103	48	34	08		993	CB S	EP
SA	1851	~~10~~ 120SCT 250-BKN	20			085	100	46	10	05		994	CB S/503 1932	EP
SA	1952	120SCT E250 BKN	20			095	93	48	12	05		996		EP
SA	2053	120SCT 250-SCT	20			096	89	48	07	05		997		EP
SA	2153	100SCT 250 SCT	20			104	88	48	34	03		999	OCNL OSNT LTG NE/217	EP
/												/	1202 07	/
SA	2254	100SCT 250-SCT	20			105	88	44	06	09		000		EP
SA	2354	E100 BKN 250 BKN	20			107	94	46	11	08		002		EP

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: USRMO, DESERT ROCK NEVADA

DATE: 07 JUL 1985

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	26.610	76.3	57.3	31	0	0	Ci	250												0	3	.020			00-01
01 51	26.600	80.0	59.3	29	0															0					01-02
02 50	26.600	82.6	60.7	28	0															0					02-03
03 53	26.640	83.5	61.0	27	0	0	Ci	250												0	3	.030			03-04
04 52	26.640	81.4	60.5	30	1															0					04-05
05 54	26.660	83.9	61.8	29	1															0					05-06
06 50	26.670	87.6	63.2	26	1	0	Cu	80	1	Ci	250	1								0	3	.030			06-07
07 51	26.670	89.8	63.6	23	0															0					07-08
08 50	26.660	93.2	65.8	21	1															0					08-09
09 53	26.660	98.7	68.3	21	2	0	Cu	80	2	Ci	250	2								0	2	.010			09-10
10 51	26.630	102.3	67.8	16	6															2					10-11
11 54	26.630	103.5	68.3	17	2															2					11-12
12 53	26.610	104.4	68.6	16	9	3	CB	80	6	Ci	250	9								6	2	.050			12-13
13 54	26.590	103.3	70.0	19	10															9					13-14
14 50	26.580	103.3	69.3	16	9															2					14-15
15 55	26.550	105.5	68.0	14	9	2	CB	90	7	Ci	250	9								7	8	.060			15-16
16 52	26.530	106.0	66.0	10	4															3					16-17
17 53	26.530	102.5	67.7	16	6															3					17-18
18 51	26.540	99.5	66.0	16	7	0	CB	100	1	Ac	120	1	7	Ci	250	7				3	5	.010			18-19
19 52	26.520	93.2	64.8	21	7															5					19-20
20 53	26.570	88.7	63.6	25	3															1					20-21
21 53	26.590	87.8	63.2	25	1	1	Cu	100	0	Ci	250									1	2	.050			21-22
22 54	26.595	87.7	61.5	22	4															1					22-23
23 54	26.610	93.8	64.4	20	9															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 0345		0	0		85	75										
	0345	1	0	0	0	85	75		0								
	0949	2	0	0	0	100	80		0								
	1550	3	0	0	0	107	99		0								
	2150	4	0	0	0	107	88		0								
	MID.		0	0	0	94	87										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.660	26.550	26.590
BAROGRAPH 64	26.640	26.660	26.560	26.580
BAR. CORR. 65	±0	±0	-010	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
107	75	0	0	0	22	SE	1458					5	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 1059P @0 Sec./ 2000 @1 Sec./ ± Sec.

(CONT.) 1420C INOP (DIRECTION ONLY), RETURNED TO SERVICE 1345P

1851/1851

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION [illegible]

DATE 09 JUL 1985

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (18)
SA	0054	100 SCT E250 BKN	20			108	94	46	09	12		002	107 1102	EP
SA	0152	100 SCT E250 OVC	20			106	89	46	13	13		001		EP
SA	0250	E100 BKN 250 OVC	20			105	88	48	29	03		001		EP
SA	0353	120 SCT E250 OVC	20			113	87	50	14	08		003	303 1078 86 RADAT 78151	JC
SA	0454	E120 BKN 250 OVC	20			120	90	50	20	09		005	VIRGA NE	JC
SA	0555	E120 BKN 250 OVC	20			128	89	50	30	05		008		JC
SA	0654	120 SCT E250 OVC	20			132	92	50	24	04		009	117 1072	JC
SA	0755	120 SCT E250 BKN	20			137	97	50	30	07		010		JC
SA	0854	120 SCT E250 BKN	20			139	97	51	26	08		010		JC
SA	0953	120 SCT E250 BKN	20			143	98	52	21	07		011	207 1072 86	JC
SA	1051	120 SCT E250 BKN	20			139	97	50	24	08		010	FEW CU SE	JC
SA	1153	120 SCT E250 OVC	20			130	98	51	20	09		008		JC
SA	1255	120 SCT E250 OVC	20			124	100	51	25	10		007	CB S STNRY/714	JC
/													1378	/
SA	1353	120 SCT E250 OVC	20			115	102	53	23	09		003	CB N AND S STNRY	JC
SA	1450	120 SCT 160 SCT E250 BKN	20			111	101	50	23	07		002	CB N AND S STNRY	JC
/							~~102~~	~~49~~					ACSL NE-E	/
SA	1555	250-BKN	20			103	102	49	23	06		999	CB N-E AND S/620	EP
/												/	1332 03 RADAT 69156	/
SA	1650	100 SCT 140 SCT 250-BKN	20			098	101	49	25	09		998	CB N-E SE-S	EP
SA	1750	100 SCT 140 SCT E250 BKN	20			100	99	48	28	09		998	CB N-E AND S	EP
SA	1852	100 SCT E250 ~~BKN~~ OVC	20			103	97	48	25	10		999	CB NE-E/500 1907	EP
SA	1955	E100 BKN 250 OVC	20		RW-	125	~~97~~ 95	~~58~~ 58	07	08		006	PRESRR RB45	EP
SA	2051	E100 BKN 250 OVC	20			142	90	51	07	04		011	RE01	EP
SA	2151	100 SCT E110 OVC	20		RW-	150	88	55	11	17	622	013	RB27/14100 ~~1811~~ 1411 03	EP
SA	2251	E110 OVC	20			147	87	54	12	12		012	RE06	EP
SA	2352	E110 OVC	20			159	86	54	10	07		015		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: V[illegible], DESERT ROCK NEVADA

DATE: 09 JUL 1985

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	HRS. 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.640	94.0	64.5	20	9	4	Cu	100	6	Ci	E250	9								8	1	.020			00-01
01 52	26.600	88.8	62.8	23	10															9					01-02
02 50	26.600	87.6	63.0	25	10															9					02-03
03 53	26.620	83.0	63.9	28	10	4	Ac	120	6	Cs	E250	10								8	3	.010			03-04
04 54	26.640	89.5	64.4	25	10															10					04-05
05 53	26.660	89.0	64.5	26	10															9					05-06
06 54	26.670	91.8	65.4	24	10	3	Ac	120	7	Ci	E250	10								8	1	.050			06-07
07 53	26.680	96.6	67.0	21	9															7					07-08
08 54	26.680	96.8	67.2	21	9															8					08-09
09 57	26.690	98.4	68.0	21	9	5	Ac	120	4	Ci	E250	9								5	2	.020			09-10
10 57	26.680	97.1	66.8	20	8															6					10-11
11 53	26.660	97.8	67.6	21	10															8					11-12
12 55	26.650	99.9	68.1	19	10	0	CB	80	2	Ac	120	2	8	Cs	E250	10				9	2	.040			12-13
13 53	26.620	101.5	69.4	20	10															8					13-14
14 50	26.610	101.1	68.2	18	9															7					14-15
15 55	26.590	101.8	68.0	17	9	0	CB	100	0	Ac	140	0	9	Ci	250	9				4	6	.060			15-16
16 50	26.580	101.1	67.6	17	9															4					16-17
17 50	26.580	99.1	66.6	18	9															6					17-18
18 52	26.590	97.0	66.0	19	10	5	CB	100	5	Cs	E250	10								9	5	.000			18-19
19 55	26.650	92.1	66.1	26	10															10					19-20
20 51	26.690	90.0	65.2	27	10															10					20-21
21 51	26.710	87.8	66.3	33	10	4	~~Cu~~ SC	100	6	Sc	E110	10								10	1	.120			21-22
22 51	26.700	86.5	65.2	33	10															10					22-23
23 52	26.730	85.6	65.1	34	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	95	86	X	X						X		
	0350	1	0	0	0	95	86		0								
	0951	2	0	0	0	99	87		0								
	1550	3	0	0	0	103	97		0								
	2149	4	T	0	0	102	87		0								
	MID.	X	T	0	0	88	86	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.690	26.590	26.710
BAROGRAPH 64	26.610	26.690	26.595	26.710
BAR. CORR. 65	+.010	±0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	86	T	0	0	24	SE	2102					9	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1945	2001			
RW-	2127	2206			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 1054P @ Sec. 2030 @ Sec. ± Sec.

1854/1852 1553/1555 1955/1955 2151/2151

SP=

RS=

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

☆ U.S.GPO:1983-0-784-006/6069

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: 10 JUL 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's °) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SEQUENCE INDICATOR (15)
SA	0054	E110 BKN 250 OVC	20			146	85	54	06	07		012	OCNL LTG DSNT E/80300	EP
													1408	
SA	0151	E110 BKN 250 OVC	20			139	84	53	09	08		010	OCNL LTG DSNT N	EP
SA	0250	E110 BKN 250 OVC	20			149	83	53	06	03		011		EP
SA	0356	150 SCT E250 BKN	20			148	80	53	04	07		009	500 1578 79 RADAT 55154	HS
SA	0453	150 SCT E250 BKN	20			149	79	52	19	04		008	FEW SC	HS
SA	0553	150 SCT E250 BKN	20			152	81	53	02	04		013		HS
SA	0651	150 SCT E250 BKN	20			156	83	54	18	03		014	307 1078	HS
SA	0752	250 - BKN	20			156	87	54	13	07		014		HS
SA	0851	250 - BKN	20			151	91	54	13	06		013		HS
SA	0952	250 - SCT	20			151	95	54	28	07		013	603 1108 77	HS
SA	1052	250 - SCT	20			143	98	53	25	13		011	BLDG CW SE CW ALQDS	HS
SA	1151	250 - SCT	20			136	99	56	25	11	G18	009	CB SE CW ALQDS	HS
SA	1251	100 SCT 250 SCT	20			126	104	54	25	15	G21	007	CB SE TCW E SW N	
													720 1308	HS
SA	1350	100 SCT 250 SCT	20			120	102	53	27	07		004	CB SE TCW ALQDS	HS
SA	1450	100 SCT	20			112	102	53	22	10		002	CB SE DSIPTG	HS
SA	1554	100 SCT	20			101	102	52	25	05		998	824 1200 05 RADAT 77154	EP
SA	1652	100 SCT	20			098	103	49	26	08		997	TCW NE-SE	EP
SA	1751	100 SCT	20			098	100	48	20	10		997	CB TCW NE-SE	EP
SA	1853	E100 BKN	20			105	98	47	10	13	G18	999	CB NE-SE MOVG W RWW	EP
													NE/303 1300	
SA	1952	E100 BKN	20			106	93	48	04	06		999	CB E-SE LTG DSNT SE	EP
SA	2054	E100 BKN	20			121	90	51	11	17	G25	004	OCNL LTG DSNT NE	EP
SA	2153	E100 ~~BKN~~ OVC	20			119	92	48	15	09		004	114 14//05	EP
SA	2251	E120 BKN 250 OVC	20			115	90	48	32	02		003		EP
SA	2354	120 SCT 250 SCT	20			120	86	53	12	12		004		EP

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

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

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

☆U.S.GPO:1984-0-784-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: 10 JUL 1985

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

SURFACE WEATHER OBSERVATIONS

Time (L.S.T.) 16	Station Pressure (Ins.) 17	Dry Bulb (°F) 18	Wet Bulb (°F) 19	Rel. Humidity (%) 20	Total Sky Cover 21	Lowest Layer Amt. 22	Lowest Layer Type 23	Lowest Layer Height 24	Second Layer Amt. 25	Second Layer Type 26	Second Layer Height 27	Summation Total 28	Third Layer Amt. 29	Third Layer Type 30	Third Layer Height 31	Summation Total 32	Fourth Layer Amt. 33	Fourth Layer Type 34	Fourth Layer Height 35	Total Opaque Sky Cover 36	Pressure Tendency 37	Net 3-Hr. Change (Ins.) 38	Sunshine (Min.) 39	Precipitation (Ins.) 40	Hr.
00 54	26.700	85.0	64.8	34	10	6	Sc	E110	4	Cs	250	10								10	8	.010			00-01
01 51	26.680	83.8	63.9	34	10															8					01-02
02 50	26.695	82.8	63.8	36	10															8					02-03
03 50	26.700	79.7	62.6	39	9	0	Sc	100	3	Ac	150	3	6	Cs	E250	9				8	5	.000			03-04
04 53	26.700	78.9	62.0	39	9															8					04-05
05 53	26.710	80.7	63.0	38	9															7					05-06
06 51	26.720	83.3	64.3	36	9	2	Ac	150	7	Cs	E250	9								7	3	.020			06-07
07 52	26.720	86.6	65.5	33	8															4					07-08
08 51	26.710	91.0	66.9	29	8															2					08-09
09 52	26.710	95.2	68.2	26	4	0	Cu	100	4	Cs	250	4								1	6	.010			09-10
10 52	26.690	98.1	68.4	22	3															0					10-11
11 51	26.670	98.8	68.9	20	1															0					11-12
12 51	26.650	103.5	70.4	19	2	1	CB	100	1	Cs	250	2								2	7	.060			12-13
13 50	26.630	101.9	69.8	20	4															4					13-14
14 50	26.610	102.0	69.7	20	2															2					14-15
15 54	26.580	101.7	69.1	19	2	1	Tcu	100												2	8	.070			15-16
16 52	26.570	102.8	68.2	17	2															2					16-17
17 51	26.570	100.2	67.0	17	2															2					17-18
18 53	26.590	98.0	66.0	18	6	6	CB	E100												6	3	.010			18-19
19 52	26.590	93.0	65.0	22	6															6					19-20
20 54	26.630	90.4	65.3	26	9															9					20-21
21 53	26.630	92.0	64.5	22	10	10	Sc	E100												10	1	.040			21-22
22 51	26.620	90.4	64.0	23	10															9					22-23
23 54	26.630	85.7	64.8	33	5															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 0352		0	0		86	79										
	0352	1	T	0	0	88	79		0								
	0948	2	0	0	0	97	77	77	0								
	1550	3	0	0	0	105	95		0								
	2150	4	0	0	0	104	90		0								
	MID.		0	0	0	92	85										

STATION PRESSURE COMPUTATIONS

Time (L.S.T.) 59	0355	0951	1551	2151
Att. Therm. 60				
Observd. Bar. 61				
Total Corr. 62				
Sta. Press. 63	26.700	26.710	26.580	26.630
Barograph 64	26.700	26.720	26.585	26.625
Bar. Corr. 65	±0	-.010	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-Hr. Max. Temp. (°F) 66	24-Hr. Min. Temp. (°F) 67	24-Hr. Precip. Water Equiv. (Ins.) 68	24-Hr. Snowfall Unml'td (Ins.) 69	Snow Depth (Ins.) 70	Peak Wind Speed (Kts.) 71	Peak Wind Direction 72	Peak Wind Time (L.S.T.) 73	Thickness of Ice on Water (Ins.) 74	Frozen Ground Layer 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
105	77	0	0	0	38	E	1903					5	6		

WEATHER & OBSTRUCTIONS TO VISION

Type 82	Began 83	Ended 84	Type 86	Began 87	Ended 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0555P @ 1 Sec./ 2015 @ 1 Sec./ ± Sec.

0453 / 0454 1151 / 1252

0356 / 0356

2153 / SK COND OVC / 0100 7/11/85

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/5009

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: 11 JUL 1985

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 Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OPERATOR INITIALS (13b)
SA	0053	120 SCT 220 SCT	20			115	85	52	12	08		003	803 1408	EP
SA	0151	220 - SCT	20			118	82	52	26	05		003		EP
SA	0250	220 - SCT	20			125	80	51	36	07		005		EP
SA	0351	CLR	20			125	78	51	17	04		005	107 1008 78 RADAT 80148	HS
SA	0451	250 - SCT	20			130	75	50	05	06		007	FEW AC	HS
SA	0552	250 - BKN	20			130	79	50	23	03		007	FEW AC	HS
SA	0650	250 - SCT	20			132	85	52	25	03		008	207 1038	HS
SA	0750	250 - SCT	20			136	89	52	23	02		009	CU SE	HS
SA	0850	250 - SCT	20			132	91	51	29	04		008	TCU SE	HS
SA	0950	250 - SCT	20			131	95	52	22	04		008	000 1208 74	HS
SA	1051	CLR	20			123	98	52	25	11		005	TCU SE CU ALQDS	HS
SA	1150	CLR	20			115	101	52	23	12		003	TCU NE SE CU ALQDS	HS
SA	1251	CLR	20			104	102	50	25	12	G22	000	TCU NE SE CU ALQDS	
													824 1200	HS
SA	1351	100 SCT	20			101	103	48	21	13	G18	999	TCU NE SE	HS
SA	1450	100 SCT	20			095	103	48	18	09	G22	997	TCU NE-SE	HS
SA	1555	100 SCT	20			088	103	46	25	10		995	TCU NE-SE / 715	SH
	—		—			—						—	1200 04 RADAT 36156	—
SA	1656	100 SCT	20			085	102	45	23	11	G25	994		SH
SA	1750	CLR	20			084	100	45	23	17		993	TCU DSNT E	SH
SA	1850	CLR	20			080	97	44	22	07		993	607 1200	SH
SA	1951	CLR	20			084	92	45	18	05		994	CU NW E	SH
SA	2050	CLR	20			092	88	46	09	04		995		SH
SA	2153	CLR	20			095	84	43	00	00		996	110 1400 04	SH
SA	2257	CLR	20			098	85	48	36	06		997		SH
SA	2350	CLR	20			095	83	45	27	04		997		SH

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: 11 JUL 1985

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	26.620	84.9	64.2	33	3	1	Sc	120	2	Cs	220	3								2	8	.010		00-01
01 51	26.625	81.8	63.0	36	3															0				01-02
02 50	26.640	79.6	62.0	38	1															0				02-03
03 51	26.640	77.7	61.1	39	0	0	Cs	250												0	1	.020		03-04
04 51	26.650	75.3	59.8	41	2															1				04-05
05 52	26.650	78.5	61.0	37	6															1				05-06
06 50	26.660	85.0	64.1	32	3	0	Ac	150	3	Cs	250	3								1	2	.020		06-07
07 50	26.670	89.0	65.1	28	2															0				07-08
08 50	26.660	91.2	65.6	26	3															1				08-09
09 50	26.660	94.6	67.0	24	1	0	Cu	100	1	Cs	250	1								0	0	.000		09-10
10 51	26.640	98.0	68.1	22	0															0				10-11
11 50	26.620	100.8	68.7	20	0															0				11-12
12 51	26.590	102.2	68.3	17	0	0	Cu	100												0	8	.070		12-13
13 51	26.580	103.1	68.1	16	1															1				13-14
14 50	26.560	102.8	67.9	16	1															1				14-15
15 55	26.545	103.0	67.4	15	1	1	Cu	100												1	7	.045		15-16
16 56	26.530	101.8	66.6	15	1															1				16-17
17 50	26.530	100.3	65.7	15	0															0				17-18
18 50	26.525	96.6	64.6	17	0	0	Cu	100												0	6	.020		18-19
19 51	26.535	92.0	63.5	20	0															0				19-20
20 50	26.550	88.1	62.6	24	0															0				20-21
21 55	26.555	83.8	60.0	24	0	0	Sc	100												0	1	.030		21-22
22 51	26.570	84.7	62.0	28	0															0				22-23
23 50	26.565	86.5	60.2	27	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 0347		0	0		86	78										
	0347	1	0	0	0	92	78		0								
	0946	2	0	0	0	97	74		0								
	1551	3	0	0	0	104	95		0								
	2150	4	0	0	0	103	83		0								
	MID.		0	0	0	85	82										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.660	26.545	26.533
BAROGRAPH 64	26.630	26.670	26.545	26.553
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
104	74	0	0	0	26	SW	1640					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0755P ± 1 Sec. 1650P ± 1 Sec. ± Sec.

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆ U.S.GPO:1983-0-764-008/6009

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: 12 JUL 1985

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. INDICATOR (18)
SA	0053	CLR	20			094	84	49	02	11		996	002	SH
SA	0150	CLR	20			094	83	54	05	13		996		SH
SA	0248	CLR	20			093	81	53	30	05		996		SH
SA	0352	CLR	20			094	81	53	04	09		997	400 79 RADAT 79147	HS
SA	0452	CLR	20			098	79	50	01	09		998		HS
SA	0550	CLR	20			101	81	54	09	03		999		HS
SA	0650	CLR	20			104	85	53	03	13		999	108	HS
SA	0750	CLR	20			104	89	53	23	07		999		HS
SA	0850	CLR	20			101	92	53	21	06		999	CU 5E	HS
SA	0950	CLR	20			104	95	52	26	04		999	602 1100 78	HS
SA	1050	CLR	20			094	97	52	24	06		997	CU NW-NE-SE	HS
SA	1150	CLR	20			082	100	51	25	09		993	CU ALQDS	HS
SA	1250	CLR	20			075	100	50	20	12		991	TCU NW CU ALQDS	/
/													724 1200	HS
SA	1350	CLR	20			066	103	50	21	12	620	989	CU ALQDS	HS
SA	1450	CLR	20			064	102	50	22	14		988	CU ALQDS	HS
SA	1550	100 SCT	20			055	105	48	22	15		985	TCU E / 717 1200 04	SH
	—		—			—						—	RADAT 43134	—
SA	1651	100 SCT	20			054	102	49	24	11		985	TCU E	SH
SA	1750	CLR	20			054	101	46	24	13		985	TCU CU	SH
SA	1852	CLR	20			053	96	45	24	10		985	602 1100	SH
SA	1949	CLR	20			059	91	45	22	06		986		SH
SA	2050	CLR	20			067	85	43	06	06		987		SH
SA	2151	CLR	20			070	83	41	07	02		988	212 04	SH
SA	2250	CLR	20			070	80	43	05	04		988		SH
SA	2350	CLR	20			070	78	41	06	06		988		SH

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: 12 JUL 1985

To convert LST to GMT ADD 0 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	26.560	84.2	62.4	30	0															0	0	.005			00-01
01 50	26.560	83.2	64.6	37	0															0					01-02
02 48	26.560	81.2	63.2	38	0															0					02-03
03 52	26.560	81.2	63.0	37	0															0	4	.000			03-04
04 52	26.570	74.2	61.1	36	0															0					04-05
05 50	26.580	80.8	63.8	40	0															0					05-06
06 50	26.585	85.0	64.3	33	0															0	1	.025			06-07
07 50	26.585	89.1	65.7	29	0															0					07-08
08 50	26.580	92.4	66.6	26	0															0					08-09
09 50	26.580	95.2	67.3	24	0	0	Cu	100												0	6	.005			09-10
10 50	26.560	97.2	67.7	22	0															0					10-11
11 50	26.530	100.1	68.4	20	0															0					11-12
12 50	26.510	100.1	67.8	19	0	0	Cu	100												0	7	.070			12-13
13 50	26.490	102.8	68.7	17	0															0					13-14
14 50	26.480	102.0	68.6	18	0															0					14-15
15 50	26.460	102.7	68.8	16	1	1	Cu	100												1	7	.050			15-16
16 51	26.455	102.3	68.0	17	1															1					16-17
17 50	26.455	100.6	66.6	16	0															0					17-18
18 52	26.455	96.3	64.7	17	0	0	Cu	100												0	6	.005			18-19
19 49	26.465	91.1	63.0	20	0															0					19-20
20 50	26.480	84.6	60.2	23	0															0					20-21
21 51	26.490	82.5	58.6	23	0															0	2	.035			21-22
22 50	26.490	80.0	58.6	27	0															0					22-23
23 50	26.490	78.2	57.0	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		0	0		84	79										
	0348	1	0	0	0	85	79		0								
	0946	2	0	0	0	95	78		0								
	1545	3	0	0	0	104	95		0								
	2147	4	0	0	0	103	82		0								
	MID.		0	0	0	83	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.580	26.460	26.490
BAROGRAPH 64	26.560	26.585	26.470	26.485
BAR. CORR. 65	10	-.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	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	78	0	0	0	27	SW	1603					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 SUNSET

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

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

TIME CHECK-CLOCK AT: 0755P ✓ / Sec. / 1852P ✓ / Sec. / ± Sec.

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: 13 JUL 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			069	79	46	11	02		988	400	SH
SA	0150	CLR	20			070	74	41	00	00		988		SH
SA	0250	CLR	20			070	74	42	05	05		988		SH
SA	0351	CLR	20			074	75	40	09	04		990	303 1400 72 RADAT 20152	HS
SA	0451	CLR	20			074	73	39	20	02		992		HS
SA	0551	CLR	20			085	78	40	08	02		993		HS
SA	0651	CLR	20			091	84	43	32	03		996	217 1001	HS
SA	0750	CLR	20			090	90	43	23	03		996		HS
SA	0850	CLR	20			088	94	44	25	07		994		HS
SA	0950	CLR	20			087	96	46	24	06		994	603 1101 71	HS
SA	1050	CLR	20			083	98	45	24	07		993	CU ALQDS	HS
SA	1150	CLR	20			072	100	44	14	04		990	CU ALQDS	HS
SA	1250	CLR	20			066	99	43	08	03		988	720 1101	HS
SA	1350	CLR	20			057	105	44	24	13	G21	986	CU ALQDS	HS
SA	1450	CLR	20			054	105	47	23	11	G22	984	CU ALQDS	HS
SA	1555	250 - SCT	20			052	104	44	23	12	G20	984	612 1101 06 RADAT	SH
	—		—			—						—	37149	—
SA	1652	250 - SCT	20			049	103	43	24	13	G24	988	FEW 00	SH
SA	1750	CLR	20			046	102	41	22	14		982	FEW 00 01	SH
SA	1850	CLR	20			049	98	43	23	11		983	502 1101	SH
SA	1952	CLR	20			052	92	43	24	07		984		SH
SA	2055	CLR	20			056	87	41	05	06		985		SH
SA	2153	CLR	20			059	91	43	31	04		986	210 06	SH
SA	2250	CLR	20			064	83	42	01	05		987		SH
SA	2357	CLR	20			065	81	41	06	02		988		SH

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 13 JUL 1985

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	26.490	78.6	59.0	31	0															0	4	.000			00-01
01 50	26.490	74.2	55.4	30	0															0					01-02
02 50	26.490	73.7	55.7	32	0															0					02-03
03 51	26.500	75.0	55.4	28	0	0	Sc	100												0	3	.010			03-04
04 51	26.515	73.2	54.3	29	0															0					04-05
05 51	26.530	77.8	56.6	26	0															0					05-06
06 51	26.550	84.0	60.1	24	0	0	Ci	250												0	2	.050			06-07
07 50	26.550	89.6	61.9	20	0															0					07-08
08 50	26.540	93.6	63.7	19	0															0					08-09
09 50	26.540	96.3	65.0	18	0	0	Cu	100	0	Ci	250	0								0	6	.010			09-10
10 50	26.525	98.4	65.3	16	0															0					10-11
11 50	26.500	100.3	65.7	15	0															0					11-12
12 50	26.480	99.2	65.0	15	0	0	Cu	100	0	Ci	250	0								0	7	.060			12-13
13 50	26.460	104.8	67.0	13	0															0					13-14
14 50	26.450	105.4	68.3	14	0															0					14-15
15 55	26.445	104.0	66.8	13	2	0	Cu	100	2	Ci	250	2								0	6	.035			15-16
16 52	26.435	103.4	66.4	13	2															0					16-17
17 50	26.430	101.6	65.0	13	0															0					17-18
18 50	26.440	97.8	64.6	16	0	0	Cu	100	0	Ci	250	0								0	5	.005			18-19
19 52	26.450	92.0	62.7	19	0															0					19-20
20 50	26.460	87.2	60.5	20	0															0					20-21
21 53	26.470	91.3	62.3	19	0															0	2	.030			21-22
22 50	26.480	83.5	59.2	24	0															0					22-23
23 57	26.485	80.8	58.1	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 0347	X	0	0	X	79	72	X	X						X		
	0347	1	0	0	0	83	72		0								
	0946	2	0	0	0	98	71		0								
	1549	3	0	0	0	106	96		0								
	2148	*	0	0	0	104	87		0								
	MID.	X	0	0	0	91	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0949	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.540	26.445	26.470
BAROGRAPH 64	26.500	26.540	26.440	26.470
BAR. CORR. 65	±0	*±0	0.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
106	71	0	0	0	24	SW	1652					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 SUNSET

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: 0855P ±1 Sec./ 1846P ±1 Sec./ ± Sec.

*BAROGRAPH CHANGED.

SP=

RS=

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: USAO, DESERT ROCK NEVADA

DATE: 14 JUL 1985

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 (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			070	76	39	04	05		988	107	SH
SA	0149	CLR	20			070	75	39	07	04		989		SH
SA	0248	CLR	20			071	75	39	02	07		990		SH
SA	0358	250-BKN	20			077	74	37	02	08		992	FEW CUFRA N-NE / 267 1101	SEA
/	/											/	73 RADAT 29152	/
SA	0452	250-BKN	20			087	75	38	01	03		994	FEW CUFRA N-NE	SEA
SA	0554	250-BKN	20			092	77	40	12	04		996	FEW CUFRA N-NE	SEA
SA	0654	250-BKN	20			102	82	40	14	04		999	FEW CU NE / 324 1108	SEA
SA	0753	250-OVC	20			102	88	42	25	04		999	BINOVC NW	SEA
SA	0853	250-OVC	20			102	93	42	21	08		999	BINOVC W-NW	SEA
SA	0958	250-OVC	20			095	99	43	23	16	G20	998	BINOVC W-NW / 803 1001 73	SEA
SA	1054	250-BKN	20			094	99	43	22	17	G22	997	FEW CU SE	SEA
SA	1153	250-BKN	20			094	100	43	23	17	G23	997	FEW CU SE	SEA
SA	1255	250-BKN	20			089	101	44	22	14	G23	995	FEW SC / 810 1402	SEA
SA	1354	250-BKN	20			086	103	45	19	17	G22	994	FEW CU	SEA
SA	1452	E250 BKN	20			077	102	45	23	17	G23	992	FEW CU	SEA
SA	1552	100 SCT E 250 BKN	20			071	103	45	22	12	G22	989	7175 1106 04 RADAT 20166	WRG
SA	1652	250 - BKN	20			069	98	41	24	14		987	FEW SC E	WRG
SA	1752	250 - BKN	20			066	98	41	22	12	G20	987		WRG
SA	1852	250 - BKN	20			072	96	40	22	12		989	500 1001	WRG
SA	1952	250 - BKN	20			077	92	41	19	11		991		WRG
SA	2052	250 - SCT	20			082	83	40	01	04		992		WRG
SA	2152	250 - SCT	20			079	87	40	01	06		992	108 1001 04	WRG
SA	2252	250 - BKN	20			079	85	40	22	08		992		WRG
SA	2352	140 SCT 250 - SCT	20			080	83	40	00	00		992		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$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 14 JUL 1985

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	26.490	76.1	55.6	26	0															0	1	.020			00-01
01 49	26.495	75.0	55.7	27	0															0					01-02
02 48	26.500	75.2	55.4	28	0															0					02-03
03 58	26.510	74.1	54.1	26	6	0	CUFRA	80	6	CI	250	6								1	2	.020			03-04
04 56	26.535	74.7	54.7	26	8															3					04-05
05 54	26.550	76.6	56.0	27	9															2					05-06
06 54	26.580	81.8	58.0	22	9	0	CU	90	9	CS	250	9								4	3	.070			06-07
07 55	26.580	88.0	60.9	20	10															4					07-08
08 53	26.580	93.0	62.7	17	10															5					08-09
09 58	26.570	98.7	65.0	15	10	10	CI	250												3	8	.010			09-10
10 54	26.560	99.0	64.8	15	7															2					10-11
11 53	26.560	100.0	65.3	15	7															3					11-12
12 55	26.540	101.3	65.9	14	8	0	SC	100	8	CI	250	8								4	8	.030			12-13
13 54	26.530	102.6	66.9	15	9															4					13-14
14 52	26.510	102.0	66.4	14	8															5					14-15
15 52	26.495	102.5	66.6	14	8	1	CU	100	8	CI	250	8								6	7	.045			15-16
16 52	26.480	98.3	63.9	14	8															4					16-17
17 52	26.480	98.2	64.0	14	8															4					17-18
18 52	26.495	96.4	63.1	14	8	8	CI	250												4	5	.000			18-19
19 52	26.510	91.5	61.9	17	7															3					19-20
20 52	26.520	88.2	58.5	22	5															2					20-21
21 52	26.520	86.6	57.9	20	5	5	CI	250												2	1	.025			21-22
22 52	26.520	85.2	57.4	21	7															3					22-23
23 52	26.520	83.1	56.4	21	5															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	81	73	X	X						X		
	0350	1	0	0	0	91	73		0								
	0957	2	0	0	0	100	74		0								
	1548	3	0	0	0	104	99		0								
	2148	4	0	0	0	103	83		0								
	MID.	X	0	0	0	90	83	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0958	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.570	26.495	26.520
BAROGRAPH 64	26.505	26.580	26.495	26.515
BAR. CORR. 65	+.005	-.010	+0.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	73	0	0	0	27	SW	1426					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 1001 EST ⊕ 1 Sec./ 2214 ⊕ 1 Sec./ ± Sec.

SP=

RS=

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 15

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	180 SCT 250-SCT	20			080	78	38	02	04		992	400 1071	WRC
SA	0152	250 - BKN	20			079	78	38	10	06		992		WRC
SA	0250	250 - SCT	20			081	74	36	09	07		992		WRC
SA	0358	250 - BKN	20			085	75	38	13	04		994	FEW AC E-SE/303 1071 73	SEA
/	/											/	RADAT 73153	/
SA	0456	130 SCT 250-BKN	20			092	72	37	00	00		995	FEW CU	SEA
SA	0552	130 SCT 250-BKN	20			097	77	39	13	03		997		SEA
SA	0651	130 SCT 250-BKN	20			097	80	42	00	00		997	110 1071	SEA
SA	0753	250-BKN	20			098	90	42	00	00		998	FEW AC	SEA
SA	0855	250-OVC	20			096	94	44	00	00		997	FEW AC	SEA
SA	0854	250-OVC	20			093	99	44	24	11		997	ACCAS NE AND SE-S/000	SEA
/	/											/	1081 72	/
SA	1055	250-BKN	20			091	101	46	19	11	G21	997	ACCAS SE	SEA
SA	1152	E250 OVC	20			090	102	46	20	14	G23	996	FEW CU/AC HALO	SEA
SA	1256	130SCT E200BKN 2500VC	20			088	102	48	21	13	G18	995	FEW CU/ BLO 1171	SEA
SA	1354	130 SCT E200BKN 250 OVC	20			084	100	47	21	17	G21	994	*BLDS CU E *WND 18V24	SEA
SA	1453	E100BKN 200BKN 250 OVC	20			085	96	46	23	14	G22	993	TCU NE AND E BLDS CU OVHD	SEA
SA	1552	E100 BKN 150 BKN	20			075	98	46	23	14	G21	990	814 1260 03 RADAT 82154	WRC
SA	1652	E100 BKN 150 BKN	20			072	96	46	22	10	G18	988	TCU N THRU E	WRC
SA	1752	E100 BKN 150 BKN	20			071	95	47	24	12		988	TCU DSNT E	WRC
SA	1852	100 SCT 150 SCT 250 SCT	20			071	91	46	22	03		988	605 1261	WRC
SA	1952	100 SCT 150 SCT 250 - OVC	20			074	84	44	03	04		989		WRC
SA	2050	100 SCT 150 SCT 250 - BKN	20			074	84	44	02	07		990		WRC
SA	2158	100 SCT 250 - BKN	20			081	82	46	06	07		992	312 1404 03	WRC
SA	2252	100 SCT 250 - BKN	20			080	79	45	05	07		992		WRC
SA	2352	100 SCT 250 - BKN	20			079	79	47	30	03		992		WRC

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

FM12-VII: Hiii $i_R i_x$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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 15

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	26.520	78.1	55.8	23	5	2	AC	140	3	CI	250	5								2	4	.000			00-01
01 52	26.520	76.3	55.9	23	6															3					01-02
02 50	26.520	74.1	53.6	25	5															2					02-03
03 58	26.530	75.4	54.9	26	8	0	AC	130	8	CI	250	8								1	3	.010			03-04
04 56	26.540	76.9	53.4	29	6															2					04-05
05 52	26.560	76.9	56.0	26	7															2					05-06
06 51	26.560	80.0	58.0	26	6	1	AC	130	6	CI	250	6								2	1	.030			06-07
07 53	26.570	89.7	61.6	19	6															1					07-08
08 55	26.560	93.5	63.6	18	10															1					08-09
09 54	26.560	98.6	65.0	15	10	0	ACAS	130	10	CI	250	10								1	0	.000			09-10
10 55	26.555	100.5	66.3	16	8															1					10-11
11 52	26.550	101.8	67.0	16	10															6					11-12
12 56	26.540	101.8	67.6	17	10	0	CU	90	1	AC	130	1	6	AC	E250	6	10	CI	250	6	8	.020			12-13
13 54	26.530	100.3	66.9	14	10															8					13-14
14 53	26.520	96.0	64.9	18	10															9					14-15
15 52	26.500	98.2	65.9	17	7	6	CU	E100	1	AC	150	7								7	8	.040			15-16
16 52	26.485	96.1	65.2	18	8															7					16-17
17 52	26.485	95.1	65.0	19	7															6					17-18
18 52	26.485	91.0	63.4	21	5	4	CU	100	1	AC	150	5	0	CI	250	5				5	6	.015			18-19
19 52	26.495	83.6	60.2	25	10															4					19-20
20 50	26.500	83.7	60.2	25	8															4					20-21
21 58	26.520	81.6	60.2	29	7	2	AC	100	5	CS	250	7								3	3	.035			21-22
22 52	26.520	79.2	58.9	30	6															3					22-23
23 52	26.520	79.1	59.7	32	6															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 0351	X	0	0	X	83	73	X	X						X		
	0351	1	0	0	0	87	73		0								
	0949	2	0	0	0	102	72		0								
	1548	3	0	0	0	103	96		0								
	2154	4	0	0	0	99	82		0								
	MID.	X	0	0	0	82	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0954	1550	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.560	26.560	26.520
BAROGRAPH 64	26.520	26.560	26.560	26.565
BAR. CORR. 65	+.010	±0	±0	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
103	72	0	0	0	26	SW	1306					8	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 ____ SUNSET ____

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: 1046 ⊕ Sec./ 2301 PST ⊕ Sec./ ± Sec.

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 16

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 INITIALS (14)
SA	0052	150 SCT 250 - SCT	20			081	75	46	03	06		992	400 1068	WRG
SA	0152	150 SCT 250 - SCT	20			079	76	42	06	05		991		WRG
SA	0250	150 SCT 250 - SCT	20			083	72	47	10	04		991		WRG
SA	0358	180 SCT	20			088	73	47	08	05		994	303 1030 72 RADAT 35153	SEA
SA	0456	250 SCT	20			095	74	48	08	08		996	FEW CU/AC	SEA
SA	0556	E250 BKN	20			100	77	49	19	07		997	FEW CU/AC	SEA
SA	0652	E250 BKN	20			108	78	49	00	00		999	FEW CU/AC/217 1176	SEA
SA	0751	150 SCT E250 OVC	20			113	84	51	00	00		000	BINOVC SW AND NW	SEA
SA	0856	150 SCT E250 BKN	20			106	90	54	15	05		999		SEA
SA	0954	E150 BKN 250 OVC	20			105	93	53	20	12	G18	999	SVRL BINOVC/000 1072 72	SEA
SA	1056	E150 BKN 250 OVC	20			107	93	53	19	11		999	FEW CU N SVRL SML BINOVC	SEA
SA	1154	E150 BKN 250 OVC	20			100	91	53	19	08		997	FEW CU BINOVC W	SEA
SA	1254	E150 BKN 250 OVC	20			098	92	58	11	09		996	BINOVC NW/ 810 1671	SEA
SA	1354	100 SCT E150 OVC	20			095	90	57	13	11		995	BINOVC W FEW CU OVTNS S	SEA
SA	1454	70 SCT E140 BKN	20			088	91	56	12	10		993		SEA
SA	1552	E100 BKN 180 BKN	20			081	90	56	13	14		990	717 1260 95 RADAT 74148	WRG
SA	1652	E100 BKN 180 BKN	20			074	92	56	12	12		988		WRG
SA	1752	100 SCT E180 BKN 250 BKN	20			079	92	56	11	10		990	TCU DSNT E	WRG
SA	1852	140 SCT 250 - BKN	20			082	90	54	12	07		991	303 1068	WRG
SA	1952	140 SCT 250 - BKN	20			081	87	55	10	09		991		WRG
SA	2052	140 SCT 250 - SCT	20			082	85	54	00	00		992		WRG
SA	2152	140 SCT 250 - SCT	20			086	82	54	15	04		993	207 1068 95	WRG
SA	2252	250 - SCT	20			092	77	52	36	07		994	FEW AC SE	WRG
SA	2352	250 - SCT	20			095	75	52	11	05		994		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_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/5085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 16

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	26.520	75.0	58.0	36	5	2	AC	150	3	CS	250	5								2	4	.000			00-01
01 52	26.510	76.0	56.7	30	5															2					01-02
02 58	26.510	72.3	57.2	40	5															2					02-03
03 58	26.530	73.1	57.7	40	2	2	AC	180												2	3	.010			03-04
04 56	26.550	74.2	58.3	39	1															1					04-05
05 56	26.560	77.1	59.9	37	6															4					05-06
06 58	26.580	78.0	60.4	35	9	0	CU	80	0	AC	160	0	9	CS	E250	9				6	2	.050			06-07
07 51	26.590	84.0	63.3	32	10															7					07-08
08 56	26.580	89.5	66.3	30	9															5					08-09
09 54	26.580	92.7	66.8	26	10	6	AC	E150	5	CI	250	10								7	0	.000			09-10
10 56	26.580	93.0	67.1	26	10															9					10-11
11 54	26.560	91.0	66.2	27	10															10					11-12
12 54	26.550	92.4	69.0	31	10	9	AC	E150	3	CI	250	10								10	8	.030			12-13
13 54	26.540	90.4	68.0	32	10															10					13-14
14 54	26.520	91.0	68.0	31	9															9					14-15
15 52	26.500	90.0	67.7	32	9	7	CU	E100	2	AC	180	9								9	7	.050			15-16
16 52	26.485	91.6	68.0	30	7															6					16-17
17 52	26.502	91.5	67.8	30	7															6					17-18
18 52	26.510	90.3	66.5	29	9	4	AC	140	5	CS	250	9								4	3	.010			18-19
19 52	26.510	87.0	66.0	33	9															3					19-20
20 52	26.520	84.8	65.0	35	5															2					20-21
21 52	26.530	81.9	63.9	38	3	1	AC	140	2	CS	250	3								1	2	.020			21-22
22 52	26.540	76.7	61.2	42	2															0					22-23
23 52	26.540	75.2	60.7	44	5															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 0351		0	0		81	72										
	0351	1	0	0	0	82	72		0								
	0950	2	0	0	0	95	72		0								
	1548	3	0	0	0	94	90		0								
	2148	4	0	0	0	93	80		0								
	MID.		0	0	0	82	75										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0954	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.580	26.500	26.530
BAROGRAPH 64	26.525	26.580	26.525	26.520
BAR. CORR. 65	+.005	± 0	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	72	0	0	0	20	SE	1554					8	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 SUNSET

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: 0619 PST @ / Sec. / 2149 @ / Sec. / ± Sec.

SP=

RS=

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: 1985 JUL 17

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°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	0052	250 - SCT	20			095	74	52	09	07		994	103 1008	WRG
SA	0152	250 - SCT	20			095	75	52	04	07		994		WRG
SA	0250	250 - SCT	20			095	74	52	08	04		994		WRG
SA	0351	CLR	20			099	73	51	21	04		995	303 1001 72 RADAT 56151	JD
SA	0450	CLR	20			103	72	52	34	03		996	FEW AC C1	JD
SA	0551	110 SCT 180 SCT 250 SCT	20			105	76	53	00	00		997		JD
SA	0653	110 SCT 180 SCT 250 SCT	20			107	82	55	18	04		998	110 1171	JD
SA	0751	110 SCT 180 SCT 250 SCT	20			106	86	56	06	05		998		JD
SA	0852	100 SCT 120 SCT 180 SCT 250 - BKN	20			101	91	57	16	05	G-12	997	MDT CU NE AND SE	JD
SA	0952	100 SCT 120 SCT 250 - BKN	20			102	92	57	17	06		997	TCU N/603 1266 71	JD
SA	1052	100 SCT 120 SCT 250 - BKN	20			097	92	57	22	08		995	TCU N MDT CU ALQDS	JD
SA	1153	100 SCT 250 - BKN	20			088	97	55	22	13	G-21	993	CB NE-SE MOVG N MDT CU	/
/													ALQDS	JD
SA	1254	100 SCT 250 - BKN	20			083	100	55	22	14	G-23	992	CB NE-E MOVG N VIRGA	/
/													NE/817 1308	JD
SA	1352	100 SCT 250 - BKN	20			075	99	54	23	11	G-20	990	CB NE-E MOVG N	JD
SA	1455	100 SCT 250 - BKN	20			074	99	52	23	13	G-22	988	CB DSIPTD	JD
SA	1552	100 SCT 160 SCT 250 - BKN	20			071	99	50	20	12	G-22	987	714 1268 01 RADAT 67146	WRG
SA	1652	100 SCT 160 SCT 250 - BKN	20			065	95	51	21	15		986	CB DSNT E MOVG N	WRG
SA	1752	100 SCT E160 BKN 250 BKN	20			068	93	52	19	16		987	CB DSNT NE MOVG N	WRG
SA	1852	E100 BKN 160 BKN 250 BKN	20			074	92	53	21	12		989	CB DSNT NE MOVG N 305 1368	WRG
SA	1952	100 SCT E160 BKN 250 BKN	20			079	90	53	19	11		991	CB NE MOVG N	WRG
SA	2052	100 SCT E160 BKN 250 BKN	20			084	89	58	18	11	G-21	993		WRG
SA	2152	160 SCT 250 - BKN	20			084	87	56	22	12	G-20	993	112 1068 01	WRG
SA	2252	160 SCT 250 - BKN	20			089	87	57	24	05		994		WRG
SA	2352	160 SCT 250 - BKN	20			092	84	57	10	04		996	CB DSNT W OCNL LTGIC MOVG N	WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 17

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	WET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HRS.
00 52	26.540	73.8	60.4	47	2	2	CS	250												1	1	.010			00-01
01 52	26.540	75.0	60.6	44	1															0					01-02
02 50	26.540	73.9	60.1	46	3															1					02-03
03 51	26.550	72.7	59.9	47	0	0	Ci	250												0	3	.010			03-04
04 52	26.560	71.8	59.8	51	0															0					04-05
05 57	26.570	75.8	61.6	46	3															2					05-06
06 53	26.580	81.5	64.2	40	4	0	Cu	90	3	Ac	110	3	1	Ac	180	4	0	Ci	250	4	1	.030			06-07
07 51	26.580	86.1	66.2	36	5															3					07-08
08 52	26.570	90.7	68.0	32	7															1					08-09
09 52	26.570	92.0	68.5	31	9	2	Cu	100	0	Ac	120	2	7	Cs	250	9				2	6	.010			09-10
10 52	26.550	91.5	68.2	31	9															4					10-11
11 53	26.530	96.5	68.8	25	6															3					11-12
12 54	26.520	99.9	69.7	22	7	3	Cb	100	4	Cs	250	7								3	8	.050			12-13
13 52	26.500	99.1	69.2	22	8															2					13-14
14 55	26.490	98.5	68.1	21	8															2					14-15
15 52	26.480	98.5	67.7	20	9	3	Cu	100	2	Ac	160	4	5	Cs	250	9				4	7	.040			15-16
16 52	26.465	95.3	66.8	23	9															4					16-17
17 52	26.475	93.2	66.4	25	9															8					17-18
18 52	26.495	91.8	66.5	27	9	6	Cb	100	2	Ac	160	8	1	Cs	250	9				8	3	.015			18-19
19 52	26.510	90.2	66.2	29	9															7					19-20
20 52	26.530	88.6	67.8	35	8															7					20-21
21 52	26.530	87.3	66.8	35	8	3	Ac	160	5	Cs	250	8								4	1	.035			21-22
22 52	26.540	86.6	67.0	37	8															4					22-23
23 52	26.555	84.0	66.0	40	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		76	72										
	0348	1	0	0	0	82	72		0								
	0949	2	0	0	0	92	71		0								
	1548	3	0	0	0	101	82		0								
	2148	4	0	0	0	99	87		0								
	MID.		0	0	0	88	83										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0330	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.570	26.480	26.530
BAROGRAPH 64	26.540	26.570	26.480	26.525
BAR. CORR. 65	+.010	0*	±0.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
101	71	0	0	0	29	SW	1420					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 0435P @1 Sec./ 2217 @1 Sec./ ± Sec.

*0955P Barograph changed 0 Corr.

SP=

RS=

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 18

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0052	100 SCT E140 BKN 250 BKN	20			096	82	56	35	10		997	CB DSNT W THRU NW OVHD LTG	/
													IC LTG MOVMT 2127 1969	WRC
RS	0132	E80 BKN	20		TRW-	100	81	57	36	10 G20		998	RB30 CB NW THRU N AND E	/
													FQT LTGIC LTG MOVMT	WRC
SA	0250	E80 OVC	20		TRW-	108	79	57	35	14 G27		999	TOWER MOVGS FQT	/
													LTGCCCG	WRC
SP	0315	M65 OVC	20						36	09		003	TE15 RE05 OCNL LTGIC	/
													DSNT NE	JD
SA	0353	M75 OVC	10		RW-	124	70	63	03	15 G22		003	TE15 RE05 B30 OCNL LTG	/
													DSNT N/1900 13// 70	/
													RADAT 98/42	JD
SA	0452	E70 BKN 120 OVC	20			134	68	63	04	14 G26		003	RB15 E35 DSNT N	JD
SA	0550	90 SCT E120 OVC	20			137	70	62	03	13		006	VIRGA W	JD
SA	0652	E120 BKN 160 OVC	20			144	70	63	04	10		008	BINOVC VIRGA SW/ 31500	/
													117/	JD
SA	0750	E120 BKN 160 OVC	20			146	72	63	03	10		008	BINOVC W	JD
SA	0853	E120 BKN 160 BKN 250 OVC	20			143	76	62	09	11		008	VIRGA NE	JD
SA	0954	E120 BKN 160 OVC	20			145	78	60	11	10		008	BINOVC SW VIRGA NE/	/
													30201 107/ 67	JD
SA	1050	120 SCT E160 OVC	20			142	80	61	12	09		008	BINOVC SW VIRGA SE	JD
SA	1151	120 SCT E160 BKN 250 OVC	20			141	80	64	04	09		007	FEW CU	JD
SA	1251	80 SCT 120 SCT E160 BKN 250 OVC	20			140	82	62	09	18		007	805 1178	JD
SA	1350	E160 BKN 250 OVC	20			133	81	62	10	20		005	MDT CU SE	JD
SA	1450	160 SCT 250 -OVC	20			129	82	61	10	19		004	CB SE MOVG W	JD
SA	1554	80 SCT 250 - BKN	20			130	82	61	08	10		003	TCU5 - W/ 7/13 1268 84	RD
													RADAT 7/143	
SA	1658	80 SCT 250 -BKN	20		127	129	81	61	12	12		002	TCU N	RD
SA	1758	80 SCT 250 -BKN	20			129	79	61	13	10		002		RD
SA	1856	80 SCT E250 OVC	20			133	77	61	11	13		003	302 1108	RD
SA	1958	80 SCT E250 OVC	20			139	75	61	13	10		003	DSTN LTG SW	RD
SA	2054	80 SCT 250 -BKN	20			148	73	62	15	08		008		RD
SA	2155	80 SCT 250 -BKN	20			145	72	63	12	10		007	010 1108 88	RD
SA	2250	80 SCT E250 BKN	20			147	71	62	12	13		008		RD
SA	2352	E250 BKN	20			148	69	63	13	16		008		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 7wwW1W2 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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1985 JUL 18

To convert LST to GMT ADD 7 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 62	26.565	81.7	64.9	41	8	1	CB	100	6	AC	E140	7	1	CS	E50	8				7	2	.032			00-01
01 52	26.575	81.0	65.4	45	6															6					01-02
02 50	26.570	78.8	64.7	46	10															10					02-03
03 53	26.620	70.3	65.2	77	10	10	CB	M75												10	1	.025			03-04
04 50	26.640	67.6	64.8	86	10															10					04-05
05 50	26.650	70.0	64.9	77	10															10					05-06
06 52	26.665	70.2	65.3	78	10	0	CU	90	7	AC	E120	7	3	AC	160	10				10	3	.045			06-07
07 58	26.670	72.1	65.8	73	10															10					07-08
08 55	26.665	75.7	66.6	63	10															10					08-09
09 54	26.670	77.9	66.1	55	10	6	AC	E120	4	AC	160	10								10	3	.025			09-10
10 56	26.665	79.8	67.2	53	10															10					10-11
11 51	26.660	80.1	68.7	57	10															9					11-12
12 57	26.655	81.5	68.3	52	10	1	CU	80	0	AC	120	1	8	AC	E160	9	1	CS	E50	10	8	.015			12-13
13 50	26.635	80.8	68.0	53	10															9					13-14
14 50	26.625	81.9	67.9	50	10															2					14-15
15 54	26.615	82.0	68.0	50	7	2	CU	80	5	CS	250	7								2	7	.040			15-16
16 58	26.605	80.8	67.5	51	9															2					16-17
17 58	26.610	79.0	67.0	55	9															2					17-18
18 56	26.620	77.1	66.0	58	10	2	CU	80	8	CS	E250	10								6	3	.005			18-19
19 58	26.635	75.1	65.8	62	10															6					19-20
20 54	26.660	73.4	65.7	68	7															3					20-21
21 55	26.650	72.1	65.6	72	7	2	CU	80	5	CS	250	7								3	0	.030			21-22
22 50	26.660	70.6	65.1	75	9															5					22-23
23 52	26.660	69.0	65.0	81	7															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 0348		T	0		84	70										
	0348	1	T	0	0	88	70		1								
	0952	2	.01	0	0	78	67		0								
	1553	3	0	0	0	84	78		0								
	2149	4	0	0	0	83	72		0								
	MID.		0	0	0	72	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0952	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.670	26.615	26.650
BAROGRAPH 64	26.610	26.660	26.610	26.645
BAR. CORR. 65	+.010	+.010	+.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
84	67	.01	0	0	29	NE	0401					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0030	0305			
T	0152	0315			
RW-	0330	0406			
RW-	0426	0435			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 0541P @2Sec./ 2200 @2Sec./ ± Sec.

0152/0152 0152 / TB50 / 0300

0052/0052 1850/TIME/1856 1958/TIME/1958

1658/SLP 127/1759 1557/UPP 714/1759

2058/2058 2155P/24HR MAX 88/1000P 7/20

0052P/REPN 00/1005P 7/20

0450P/RE06/1010P 7/20

SP=

RS=

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: 18 JUL 1985

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)	OBSERVERS INITIALS (15)
SA	0050	250 - SCT	20			140	68	63	12	14		005	803 1058	RD
SA	0150	250 - SCT	20			141	68	62	11	08		003		RE
SA	0250	250 - SCT	20			140	67	63	11	13		005		RD
SA	0353	E250 BKN	20			144	68	62	11	06		006	303 1008 67 RAOHT92141	JD
SA	0453	E220 BKN 250 BKN	20			151	68	62	11	07		008		JD
SA	0552	220 SCT 250 - BKN	20			153	69	63	09	09		008		JD
SA	0651	E220 BKN	20			155	72	63	12	09		009	108 1109	JD
SA	0750	E220 BKN	20			156	76	63	13	10		011	TCU SE	JD
SA	0854	70 SCT E220 BKN	20			157	79	60	13	08		011	CB SE LTL MOVMT	JD
SA	0952	70 SCT 220 SCT 250 - BKN	20			152	83	61	20	07		010	CB SE MOVG N TCU N/	/
													002 190 89 67	JD
SA	1051	70 SCT 140 SCT 220 - BKN 250 - BKN	20			148	87	58	29	03		008	CB SE MOVG N TCU N	JD
SA	1153	70 SCT 140 SCT 220 SCT 250 - BKN	20			141	89	58	23	06	616	006	CB DSNT SE	JD
SA	1252	80 SCT 140 SCT E250 BKN	20			135	87	56	20	08		005	CB DSNT N SE AND SW/	/
													815 1963	JD
SA	1352	80 SCT 140 SCT E250 OVC	20			130	87	57	20	09		003	CB DSNT NW-NE AND	/
													SE-SW	JD
SA	1450	90 SCT 140 SCT E250 OVC	20			126	84	60	20	13		002	CB W MOVG N	JD
SA	1558	90 SCT 140 SCT E250 OVC	20			129	83	60	03	17		002	CB E MOVG NE/ 503	RD
						—						—	1958 70 RAOHT 85146	—
SA	1650	90 SCT 140 SCT 250 SCT	20			125	84	59	04	11		001	CB S MOVMT UNK	RD
RS SA	1758	80 SCT 140 SCT	20		T	127	80	61	03	13		002	TB55 CB S MOVG N	RD
SP	1822	E80 BKN	20						04	11		003	TE22 CB S W MOVG	RD
—	—		—			—	79					—	N RWU S	—
SA	1856	E90 BKN 140 BKN	20			134	80	61	06	08		003	TE22 CB S W MOVG N	RD
			—			—						—	RWU N/303 1970	—
SA	1955	90 SCT E140 BKN	20			134	79	60	06	06		004	RB17E30	RD
SA	2053	90 SCT 140 SCT 250 - BKN	20			135	77	60	05	06		005	DSTN FQT LTG W	RD
SA	2155	90 SCT 250 SCT	20			134	77	59	00	00		006	DSTN LTG W/2080	RD
—			—			—						—	1903 80	—
SA	2251	E120 BKN 250 OVC	20			136	76	60	06	06		005		RD
SA	2355	E90 OVC	20			137	75	60	21	03		006		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$_1$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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMR, DESERT [illegible]

DATE: 29 JUL 1985

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	26.640	68.3	64.7	84	5	0	Ac	120	5	Cs	250	5								2	8	.010			00-01
01 50	26.640	67.8	64.0	82	3															1					01-02
02 50	26.640	67.0	64.0	84	3															1					02-03
03 53	26.650	67.8	64.1	83	9	9	Cs	E250												7	3	.010			03-04
04 53	26.665	67.8	64.1	83	9															5					04-05
05 52	26.670	69.1	64.8	80	9															3					05-06
06 51	26.675	72.2	66.0	73	9	0	Cu	70	9	Cc	E220	9								7	1	.025			06-07
07 50	26.685	76.1	67.0	64	8															5					07-08
08 54	26.685	78.9	66.2	52	7															4					08-09
09 52	26.680	82.8	67.8	47	9	1	CB	70	4	Cc	220	5	4	Ci	250	9				4	0	.005			09-10
10 51	26.670	86.7	67.6	38	9															3					10-11
11 53	26.650	89.2	68.4	35	8															4					11-12
12 52	26.635	86.9	66.2	36	8	1	CB	80	0	Ac	140	1	7	Ci	E250	8				6	8	.045			12-13
13 52	26.620	86.7	67.0	37	10															8					13-14
14 50	26.605	84.4	67.7	44	10															9					14-15
15 53	26.610	83.0	67.5	48	10	2	CB	90	3	Ac	140	5	5	Cs	E210	10				5	5	.025			15-16
16 56	26.660	84.6	67.4	43	5															4					16-17
17 53	26.605	77.8	67.0	52	4															4					17-18
18 56	26.620	79.0	66.4	54	9	6	CB	E90	3	Ac	140	9								9	3	.010			18-19
19 55	26.630	79.0	66.0	51	7															7					19-20
20 53	26.635	77.3	65.8	56	6															3					20-21
21 55	26.645	76.6	65.0	55	3	1	CB	90	2	Ci	250	3								2	2	.025			21-22
22 51	26.640	75.7	65.0	59	10															9					22-23
23 55	26.645	75.0	65.0	60	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 0349	X	0	0	X	69	67	X	X						X		
	0349	1	0	0	0	72	67		1								
	0948	2	0	0	0	83	67		0								
	1545	3	0	0	0	90	83		0								
	2146	4	T	0	0	84	76		0								
	MID.	X	0	0	0	77	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1557	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.680	26.610	26.645
BAROGRAPH 64	26.650	26.680	26.605	26.645
BAR. CORR. 65	0	0	+.005	+.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
90	67	T	0	0	23	NE	1625					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1755	1822			
RW-	1917	1930			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 0631P @ Sec./ 1805 @ Sec./ ± Sec.

0353/0730

1758/1758 1758P/T/1203P 7/20

1852/1856 1952P/1909/1230P 7/20

SP=

RS=

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

☆U.S.GPO:1983-0-784-006/6069

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible], DESERT [illegible]

DATE: 20 JUL 1985

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)	REMARKS OR NOTICES (13b)
SA	0052	E80 ~~OVC~~	20			133	75	60	05	03		005	803 15//	RD
SA	0153	M75 OVC	15		RW-	135	75	63	34	08		005	RB14	RD
SP	0253	M60 OVC	15		T				36	08		005	RE06TB23 CB N MOVG	RD
													UNK LTGCG RWY N	—
RS	0250	M55 OVC	15			138	70	64	01	10		RE04 005	TB23E45 CB N	RD
												—	MOVMT UNK LTGCG	—
SA	0353	M75 OVC	15			141	69	65	03	12		006	~~RB12E35~~	/
													CB NW MOVMT UNK	/
													RB12E38 RWY NW/30366	/
													13// 69 20006 RADAT 98137	JD
SA	0851	80 SCT 140 SCT 250 SCT	20			140	69	63	04	11		006	CB DSIPTD TCU NW-NE	JD
SA	0950	150 SCT 250 SCT	20			144	70	64	04	08		006	CB NE MOVMT UNK	JD
SA	0651	150 SCT 250 -BKN	20			151	72	65	02	11		008	CB DSNT N/208 1963	JD
SA	0753	150 SCT 250 -BKN	20			150	75	64	01	09		008	TCU SE	JD
SA	0853	150 SCT E250 BKN	20			149	79	63	01	06		008	CB DSNT SE RWY SE	JD
SA	0951	70 SCT 190 SCT 250 SCT	20			145	79	63	11	09		007	CB SE MOVG N TCU ALQDS	/
													RWY SE/803 1963 68	JD
SA	1051	70 SCT 140 SCT E250 BKN	20			139	80	62	11	15		006	CB DSNT ALQDS RWY SE	JD
SA	1151	70 SCT 140 SCT E250 BKN	20			134	81	61	10	14		004	CB DSNT ALQDS RWY E-SE	/
													VIRGA SW	JD
SA	1252	70 SCT 190 SCT E250 BKN	20			129	82	60	11	14	G22	003	CB ALQDS MOVG NW	/
													RWY SE/714 1963	JD
SP	1304	70 SCT 190 SCT E250 OVC	20		T				12	18	G24	003	TB01 S MOVG NW CB ALQDS	/
													RWY SE-S VIRGA SW-W	/
													[illegible]	JD
SA	1351	70 SCT 140 SCT 190 SCT E250 OVC	20		T	130	72	63	14	12	G19	002	TB01* SW MOVG W CB ALQDS	/
													RWY E-SE AND S-SW* RB1024 43	JD
SP	1442	70 SCT 120 SCT E190 BKN 250 OVC	20		RW-				17	08	G17	003	TE40RB24 CB DSNT S AND N	JD
SA	1450	70 SCT 120 SCT E190 BKN 250 OVC	20		RW-	132	72	67	14	04		003	TE40RB24 CB DSNT S AND N	JD
SA	1559	E70 BKN ~~SCT~~ 100 BKN 250 BKN	20			124	78	62	14	03		000	RE19 CB NE S/8/1002	RD
~~SA~~	~~16~~	~~70 SCT E100 BKN 250 BKN~~	~~20~~			~~82~~						—	1963 84 RADAT 93134	—
SA	1652	70 SCT E100 BKN 250 BKN	20			112	82	61	02	10		998	CB S MOVG NE	RD
SA	1759	70 SCT E100 BKN 250 BKN	20			116	80	64	02	09		998	CB S STNY	RD
SA	1850	70 SCT 100 SCT 250 SCT	20			116	77	60	04	13		998	CB S STNY/503 1352	RD
SA	1950	70 SCT 100 SCT 250 SCT	20			118	75	60	03	12		998	CB W DSNT LTG W	RD
SA	2056	70 SCT 100 SCT	20			119	73	61	05	11		999	CB W DSNT LTG W	RD
RS SA	2157	70 SCT	20		T	120	73	60	04	10		000	TB50 CB SW LTGICCG	RD
												—	/305 1900 84	—
SA	2251	M65 BKN	20		TRW-	125	72	61	32	07		002	RB34 T SW W MOVG N	RD
												—	CB SW-N LTGICCG	—
SP	2340	M65 OVC	20		RW-				05	07		001	TE40 CB S-N LTGIC	RD
RS	2356	M65 OVC	20		TRW-	125	72	68	02	07		001	TE40TB52 W MOVG N	RD
													CB S-N MOVG N LTGIC	—

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$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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

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

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: 10 JUL 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	26635	75.0	65.0	60	10	10	SC	E80												10	8	.010			00-01
01 53	26640	75.1	66.9	66	10															10					01-02
02 50	26643	70.0	66.2	82	10															10					02-03
03 53	26645	68.9	65.9	86	10	10	CB	M75												10	3	.010			03-04
04 51	26645	69.1	64.8	80	2															2					04-05
05 50	26650	70.2	65.8	80	4															3					05-06
06 51	26670	72.1	67.0	78	6	0	CB	80	2	AC	150	2	4	Ci	250	6				3	2	.025			06-07
07 53	26670	75.4	67.3	67	7															3					07-08
08 53	26670	78.6	68.1	60	8															6					08-09
09 51	26660	78.9	67.7	57	5	1	CB	70	2	AC	190	3	2	Ci	250	5				4	8	.010			09-10
10 51	26645	80.0	67.7	54	6															5					10-11
11 51	26630	80.9	67.2	51	9															7					11-12
12 52	26620	81.7	66.8	47	9	2	CB	70	1	AC	190	3	6	Ci	E250	9				8	7	.040			12-13
13 51	26610	71.8	65.8	74	10															9					13-14
14 50	26605	71.9	68.2	83	10															9					14-15
15 50	26590	77.5	67.2	59	8	6	CB	E70	1	AC	100	7	1	Ci	250	8				7	8	.030			15-16
16 52	26570	82.2	68.0	49	7															5					16-17
17 51	26575	79.8	69.0	59	7															4					17-18
18 50	26580	77.1	65.6	56	3	1	CB	70	2	AC	100	3	0	Ci	250	3				2	5	.010			18-19
19 50	26580	75.0	65.0	60	3															2					19-20
20 56	26580	73.3	64.8	66	2															2					20-21
21 57	26585	73.0	64.1	63	2	2	CB	70												2	3	.015			21-22
22 51	26605	72.0	64.8	69	6															6					22-23
23 56	26600	72.0	69.4	87	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	.06	0	X	76	69	X	X						X		
	0348	1	.06	0	0	77	69		2								
	0948	2	0	0	0	81	68		0								
	1547	3	.02	0	0	84	71		1								
	2150	4	T0	0	0	83	73		0								
	MID.	X	.04	0	0	73	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1557	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26645	26660	26585	26585
BAROGRAPH 64	26645	26660	26585	26590
BAR. CORR. 65	0	0	T.001	T.001

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
84	68	.12	0	0	28	SE	1319					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0114	0206			
T	0223	0245			
RW-	0312	0338			
T	1301	1440			
RW-	1310	1343			
RW-	1424	1517			
T	2150	2340			
RW-	2234	CONT			
T	2352	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 0516P @2Sec./ 1615 @1Sec./ ± Sec.

0353/0353 0353/0623 0451/0623 0550/0623

1351/1351 1558/1558 1652/1652 2157/2157

0228P/T/1235P 7-20

SP=

RS=

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

☆U.S.GPO:1983-0-764-008/6069

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: 21 JUL 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (13b)
SA	0056	M65 OVC	15		TRW	128	67	64	02	10		002	TOWHD MOVG N EB	RD
													ALQUADS LTG FCCC/30323	RD
													19//	
SA	0150	M55 OVC	15		TRW	130	68	65	16	03		001	RE34 T N MOVG N	RD
													CB N E LTG FCCG	
SP	0209	M55 OVC	15						04	05		001	TE06 CB NE MOVG N LTG FC	RD
SA	0250	M65 OVC	15			130	67	64	04	09		001	TEW CB N DSNT LTG N	RD
SA	0359	M65 OVC	20			123	67	61	04	10		999	CB ALQDS MOVG NE/80525	CRD
													19// 65 20027 RADAT 95138	
SA	0452	65 SCT E120 BKN 250 OVC	20			121	68	63	11	08		999	RWW SE	CRD
SA	0552	60 SCT E120 OVC	15		RW-	123	67	64	10	09		999	RB40	CRD
SA	0650	60 SCT E120 OVC	20		RW-	125	67	64	32	07		999	40003 147/	CRD
SA	0753	60 SCT E120 BKN	20			128	69	63	03	08		001	RE03	CRD
SA	0850	60 SCT E120 BKN	20			130	74	61	36	04		002		CRD
SA	0952	120 SCT	20			132	78	62	04	04		003	21004 1070 65	CRD
SA	1050	120 SCT	20			126	81	61	26	07		002	TCU E-SE	CRD
SA	1153	70 SCT 120 SCT	20			123	84	62	34	03		001	CB E-SE TCU SCU N	CRD
SA	1252	70 SCT 250 SCT	20			108	87	59	29	03		996	TCU N E/720 1201	CRD
SA	1353	70 SCT 250 SCT	20			094	92	58	25	10		993	TCU ALQDS	CRD
SA	1452	70 SCT	20			087	92	56	27	08		991	CB E-SE TCU ALQDS	CRD
SA	1557	70 SCT	20			079	90	55	25	05		989	CB E-SE TCU ALQDS/ 724	SEA
													1300 92 KADAT 60141	
SA	1657	70 SCT	20			076	91	55	24	11		988	CB E MOVG N	SEA
SA	1753	70 SCT 150 SCT	20			076	90	53	25	07		988	TCU E	SEA
SA	1854	CLR	20			077	86	52	18	07		988	TCU E AC W/ 603 1270	SEA
SA	1956	CLR	20			085	83	58	15	06		991	AC W	SEA
SA	2051	CLR	20			088	82	57	11	05		992		SEA
SA	2156	CLR	20			093	76	59	32	03		993	OCNL CIG DSNT N FEW AC DSNT	SEA
													SE/ 114 1070 92	
SA	2259	CLR	20			096	73	57	28	04		994	FEW AC SE	SEA
SA	2352	CLR	20			095	71	58	25	03		994	FEW AC E-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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: 21 JUL 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.665	66.6	65.0	92	10	10	CB	M65												10	3	.010			00-01
01 50	26.660	67.4	66.0	92	10															10					01-02
02 50	26.600	67.3	65.0	89	10															10					02-03
03 54	26.590	67.1	63.3	82	10	10	CB	M65												10	8	.015			03-04
04 52	26.590	67.8	64.3	83	10															10					04-05
05 52	26.590	67.0	65.2	91	10															10					05-06
06 50	26.590	66.8	64.8	91	10	5	Sc	60	5	Ac	E120	10								10	4	.000			06-07
07 53	26.600	69.2	65.0	81	7															7					07-08
08 50	26.610	74.1	65.2	63	7															7					08-09
09 52	26.620	77.8	67.2	59	5	5	Ac	120												5	2	.030			09-10
10 50	26.610	81.1	67.5	51	2															2					10-11
11 53	26.600	84.2	69.0	48	3															3					11-12
12 52	26.560	86.8	68.2	40	3	1	Cu	70	2	Ci	250	3								3	7	.060			12-13
13 55	26.530	91.6	69.0	33	2															2					13-14
14 52	26.510	92.0	68.3	30	3															3					14-15
15 57	26.490	90.2	67.3	31	1	1	CB	70												1	2	.070			15-16
16 51	26.480	80.6	67.0	30	1															1					16-17
17 53	26.480	89.5	66.0	29	1															1					17-18
18 54	26.480	86.1	64.5	31	0	0	TCu	70	0	AC	150	0								0	6	.010			18-19
19 56	26.500	82.5	66.3	44	0															0					19-20
20 51	26.510	81.8	65.6	43	0															0					20-21
21 56	26.520	76.4	65.0	55	0	0	Ac	130												0	1	.040			21-22
22 59	26.530	73.0	62.6	57	0															0					22-23
23 52	26.530	71.4	62.4	62	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 03 54	X	.21	0	X	72	65	X	X						X		
	0349	1	.25	0	0	73	65		2								
	0946	2	.04	0	0	80	66		1								
	1550	3	0	0	0	92	78		0								
	2150	4	0	0	0	92	76		0								
	MID.	X	0	0	0	79	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1557	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.490	26.520
BAROGRAPH 64	26.590	26.620	26.500	26.510
BAR. CORR. 65	0	0*	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	4Am SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	65	.25	0	0	19	N	0017					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	CONT	0206			
RW-	CONT	0006			
RW	0006	0110			
RW-	0110	0134			
RW-	0540	0703			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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 @ 2 Sec./ 2200PST @ 2 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED

0150/T 0500

0650/TEMP 69/0800P 7-22-85

SP=

RS=

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

☆ U.S.GPO:1983-0-764-006/5099

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: 22 JUL 1985

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. INITIALS (18)
SA	0052	CLR	20			095	70	60	10	03		994	FEW AC/ 103 1070	SEA
SA	0155	CLR	20			~~088~~ 092	69	56	06	04		994	FEW AC COR 1048	SEA
SA	0257	~~CLR~~ 120 SCT	20			093	68	57	10	04		994		SEA
SA	0354	120 SCT	20			098	66	58	02	05		994	303 1070 66 20004 RAOAT 92137	CRD
SA	0450	CLR	20			105	65	58	09	04		996	FEW CU AC	CRD
SA	0550	CLR	20			107	69	59	29	03		996	FEW CU E	CRD
SA	0650	CLR	20			108	74	58	20	03		997	208	CRD
SA	0750	CLR	20			108	79	53	28	08		997	FEW CU E	CRD
SA	0852	CLR	20			107	85	49	23	04		997	FEW CU CI	CRD
SA	0951	CLR	20			108	87	51	21	06		997	102 1100 65	CRD
SA	1052	CLR	20			104	89	46	24	13		996	FEW CU	CRD
SA	1153	CLR	20			090	94	43	24	08 & 17		995	FEW CU	CRD
SA	1250	CLR	20			092	93	45	26	09		993	FEW CU / 714 1100	CRD
SA	1353	CLR	20			084	95	44	15	08		991	FEW CU	CRD
SA	1450	CLR	20			080	97	43	24	06 & 18		990	FEW CU	CRD
SA	1558	CLR	20			074	96	44	28	10		988	FEW CU / 717 1100 97 RAOAT 20157	SEA
SA	1655	CLR	20			071	94	44	28	08		987	FEW CU	SEA
SA	1753	CLR	20			070	93	43	27	07		987	FEW SC	SEA
SA	1853	CLR	20			070	88	42	25	06		987	FEW SC / 603 1400	SEA
SA	1954	CLR	20			079	80	49	00	00		989	FEW SC	SEA
SA	2052	CLR	20			080	78	48	05	03		991		SEA
SA	2155	CLR	20			082	75	47	06	03		991	110 97	SEA
SA	2257	CLR	20			080	73	48	07	04		991	FEW AC NW	SEA
SA	2358	CLR	20			083	74	46	00	00		992	FEW AC NW-N	SEA

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

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

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

☆U.S.GPO 1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 22 JUL 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.530	69.6	63.0	71	0	0	AC	130												0	1	.010			00-01
01 55	26.530	69.0	60.8	64	0															0					01-02
02 54	26.530	67.8	61.0	69	1															1					02-03
03 54	26.540	66.3	61.0	75	1	1	AC	120												1	3	.010			03-04
04 50	26.555	65.3	60.3	76	0															0					04-05
05 50	26.560	68.5	62.0	70	0															0					05-06
06 50	26.565	73.6	63.3	58	0															0	2	.025			06-07
07 50	26.570	79.2	62.8	41	0															0					07-08
08 52	26.570	84.6	62.6	29	0															0					08-09
09 51	26.570	86.6	64.2	30	0	0	CU	70												0	1	.005			09-10
10 52	26.560	87.2	63.0	23	0															0					10-11
11 53	26.550	93.9	63.2	17	0															0					11-12
12 50	26.530	92.8	63.8	20	0	0	CU	70												0	7	.040			12-13
13 53	26.510	94.8	63.8	17	0															0					13-14
14 50	26.500	96.7	64.3	16	0															0					14-15
15 58	26.480	95.9	64.3	17	0	0	CU	90												0	7	.050			15-16
16 55	26.470	94.1	63.7	18	0															0					16-17
17 53	26.470	93.0	63.0	18	0															0					17-18
18 53	26.470	87.9	61.0	20	0	0	SC	90												0	6	.010			18-19
19 54	26.490	80.0	60.8	33	0															0					19-20
20 52	26.500	77.9	60.0	36	0															0					20-21
21 55	26.500	74.8	58.4	38	0															0	1	.030			21-22
22 51	26.500	73.3	58.1	41	0															0					22-23
23 58	26.510	73.8	57.5	37	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	71	66	X	X						X		
	0348	1	0	0	0	79	66		0								
	0946	2	0	0	0	87	65		0								
	1553	3	0	0	0	97	87		0								
	2150	4	0	0	0	96	75		0								
	MID.	X	0	0	0	76	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0333	0950	1558	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.570	26.480	26.500
BAROGRAPH 64	26.540	26.570	26.480	26.495
BAR. CORR. 65	0	0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
97	45	0	0	0	24	SW	1200					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 SUNSET

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: 1003P ⊕2 Sec. / 1958PST ⊖2 Sec. / ± Sec.

0155/0248

0254/0250

1153/SLP 099/1300P

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (3-82) WHICH MAY BE USED.

☆U.S.GPO:1983-0-784-006/6069

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 23 JUL 1985

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	0057	CLR	20			082	77	45	04	10		992	103	SEA
SA	0153	CLR	20			080	75	45	31	03		992		SEA
SA	0252	CLR	20			087	69	48	06	04		993		SEA
SA	0351	CLR	20			087	71	46	01	08		992	103 1070 68 RADAT 53138	CRD
SA	0450	300-SCT	20			092	69	45	04	08		993	FEW AC N	CRD
SA	0553	300-SCT	20			098	72	49	07	04		995	FEW AC	CRD
SA	0650	300-SCT	20			101	81	44	30	06		996	FEW AC/214 1078	CRD
SA	0752	CLR	20			105	84	43	26	06		997	FEW AC	CRD
SA	0850	300-SCT	20			107	86	44	22	06		996	FEW CU	CRD
SA	0952	300-SCT	20			103	89	43	22	09		996	000 1108 68	CRD
SA	1051	300-SCT	20			097	92	46	26	07		995	FEW CU	CRD
SA	1150	CLR	20			088	94	45	23	11		993	FEW CU	CRD
SA	1253	CLR	20			080	97	42	27	12		991	FEW CU/717 1100	CRD
SA	1350	80 SCT	20			073	97	43	27	10	G20	988		CRD
SA	1450	80 SCT	20			068	96	44	26	10	G16	986		CRD
SA	1559	80 SCT	20			060	97	42	25	11	G20	985	*720 1400 98 RADAT 51143	SEA
/	/											/	*WND 20V30	/
SA	1654	CLR	20			053	96	40	27	08		983	FEW SC	SEA
SA	1756	80 SCT	20			052	95	38	23	07		983	TCU N	SEA
SA	1856	CLR	20			050	89	39	24	05		983	CB DSNT NW-N/607 1300	SEA
SA	1957	80 SCT	20			056	83	42	35	05		984	CB DSNT NW-N DSNTD	SEA
SA	2055	80 SCT	20			060	80	44	00	00		985		SEA
SA	2154	E90BKN	20			058	81	43	03	07		985	107 1400 98	SEA
SA	2250	90SCT E150BKN	20			059	85	42	02	09		986		SEA
SA	2352	150 SCT	20			062	83	46	04	11		987		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 1-10A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 23 JUL 1985

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.
0057	26.510	76.5	58.0	32	0															0	1	.010			00-01
0153	26.510	75.0	57.6	35	0															0					01-02
0252	26.520	68.8	56.3	47	0															0					02-03
0351	26.520	71.1	56.3	40	0	0	Ac	120												0	1	.010			03-04
0450	26.530	69.2	55.2	41	2															0					04-05
0553	26.550	72.3	58.2	43	2															0					05-06
0650	26.560	80.5	58.9	27	1	0	AC	120	1	Cs	300	1								0	2	.040			06-07
0750	26.560	84.1	60.1	21	0															0					07-08
0850	26.560	86.0	61.0	23	1															0					08-09
0952	26.560	89.2	61.8	20	2	0	Cu	80	2	Cs	300	2								0	0	.000			09-10
1051	26.545	92.2	63.7	20	2															0					10-11
1150	26.525	94.1	64.1	19	0															0					11-12
1253	26.510	97.0	63.8	15	0	0	Cu	80												0	7	.050			12-13
1350	26.490	96.8	64.2	16	1															1					13-14
1450	26.470	96.2	64.2	17	1															1					14-15
1554	26.450	96.8	64.0	15	1	1	SC	80												1	7	.060			15-16
1654	26.430	96.4	63.0	14	0															0					16-17
1756	26.430	94.7	62.0	14	1															1					17-18
1856	26.430	89.0	60.4	18	0	0	CB	80												0	6	.020			18-19
1957	26.440	82.8	59.1	24	1															1					19-20
2055	26.450	79.9	58.7	28	2															2					20-21
2154	26.450	81.3	59.0	26	7	7	SC	E90												7	1	.020			21-22
2250	26.460	85.0	59.9	22	8															8					22-23
2352	26.470	83.4	61.0	27	5															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	77	68	X	X						X		
	0348	1	0	0	0	77	68		0								
	0947	2	0	0	0	89	68		0								
	1552	3	0	0	0	98	89		0								
	2149	4	0	0	0	98	78		0								
	MID.	X	0	0	0	86	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1559	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.560	26.450	26.450
BAROGRAPH 64	26.510	26.560	26.440	26.440
BAR. CORR. 65	+.010	0	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	68	0	0	0	20	W	1558					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 SUNSET

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: 0700P ✓ 2 Sec./ 2102P ✓ 2 Sec./ ± Sec.

✓ LAST OF SEVERAL OCCURRANCES

0252/0252

1957/1956

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6009

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: 24 JUL 1985

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)	OB. REPORTS VALID (15)
SA	0057	150 SCT	20			062	80	48	05	11		987	107 1070	SEA
SA	0150	150 SCT	20			067	79	49	05	12		988		SEA
SA	0258	CLK	20			067	79	48	05	12		988	FEW AC DSNT SE	SEA
SA	0352	150 SCT	20			075	76	48	04	10		991	310 1070 75 RADAT 74/40	SEA
SA	0453	150 SCT	20			084	75	49	05	10		992		CRD
SA	0554	150 SCT	20			088	78	50	04	10		993		CRD
SA	0654	150 SCT	20			091	83	50	02	12		994	214 1070	CRD
SA	0750	150 SCT 250 - SCT	20			095	86	49	02	08		995		CRD
SA	0854	100 SCT 250 - SCT	20			095	88	51	32	07		994		CRD
SA	0953	100 SCT 250 - SCT	20			090	91	49	30	06		994	SOE 1101 75	CRD
SA	1053	250 - SCT	20			083	94	50	07	03		993	FEW CU	CRD
SA	1150	100 SCT 250 SCT	20			077	95	48	09	03		991		CRD
SA	1250	100 SCT	20			074	98	47	35	08		990	712 1100	CRD
SA	1354	100 SCT	20			069	100	49	29	06		988		CRD
SA	1451	100 SCT	20			065	99	46	02	08		987		CRD
SA	1556	90 SCT	20			056	97	~~48~~ 45	33	07		985	817 1400 01 RADAT CORRECTED 58/46	SEA
SA	1659	80 SCT	20			054	97	45	36	04		984		SEA
SA	1752	80 SCT	20			058	86	52	01	03		984		SEA
SA	1856	80 SCT	20			055	91	46	27	04		985	500 1400	SEA
SA	1957	80 SCT	20			060	88	46	01	05		986		SEA
SA	2057	80 SCT 150 SCT	20			067	88	45	12	03		988		SEA
SA	2152	150 SCT	20			065	81	47	07	03		987	*007 1430 01* FEW SC	SEA
SA	2255	150 SCT	20			070	83	46	10	04		989	SC SW	SEA
SA	2352	150 SCT	20			071	86	44	26	09		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: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 24 JUL 1985

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	26.470	79.8	60.4	33	3	3	AC	150												3	1	.020			00-01
01 50	26.480	79.4	60.6	34	2															2					01-02
02 58	26.480	78.6	60.0	34	0															0					02-03
03 52	26.500	76.0	59.1	37	1	1	AC	150												1	3	.030			03-04
04 53	26.520	75.2	59.2	39	2															2					04-05
05 54	26.530	77.6	60.4	38	3															2					05-06
06 54	26.540	82.9	62.3	32	1	1	AC	150												1	2	.040			06-07
07 50	26.545	85.6	62.8	28	2															1					07-08
08 54	26.540	87.7	64.5	29	2															1					08-09
09 53	26.535	90.5	64.3	24	2	1	CU	100	1	CU	2									1	8	.005			09-10
10 53	26.530	94.2	66.2	23	1															0					10-11
11 50	26.510	94.6	65.3	20	1															1					11-12
12 50	26.500	98.3	66.3	18	1	1	CU	100												1	7	.035			12-13
13 54	26.490	99.9	67.5	18	2															2					13-14
14 51	26.480	98.9	65.9	17	2															2					14-15
15 56	26.450	96.6	64.7	17	4	4	SC	90												4	8	.050			15-16
16 59	26.440	97.2	64.9	17	3															3					16-17
17 52	26.440	86.0	64.4	31	3															3					17-18
18 56	26.450	91.2	63.5	21	3	3	SC	80												3	5	.000			18-19
19 51	26.460	87.9	62.6	24	4															4					19-20
20 59	26.480	87.5	62.1	23	4															4					20-21
21 52	26.470	84.1	61.0	30	3	0	SC	80	3	AC	150	3								3	0	.020			21-22
22 55	26.490	82.8	66.8	28	3															3					22-23
23 52	26.500	86.1	61.2	23	2															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	85	75	X	X						X		
	0348	1	0	0	0	86	75		0								
	0947	2	0	0	0	93	75		0								
	1550	3	0	0	0	101	90		0								
	2147	4	0	0	0	100	81		0								
	MID.	X	0	0	0	87	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1556	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.555	26.450	26.470
BAROGRAPH 64	26.490	26.530	26.445	26.470
BAR. CORR. 65	+.010	+.005	+.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	75	0	0	0	19	NE	0209					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 SUNSET

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 @2 Sec./2100PST @2 Sec./ ± Sec.

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S. GPO:1983-0-784-000/6009

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: 25 JUL 1985

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 (09-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTING INITIALS (18)
SA	0054	150 SCT	20			072	81	46	18	05		991	110 1030	SEA
SA	0152	E150 BKN	20			075	81	46	00	00		992		SEA
SA	0250	E 150 BKN	20			080	81	46	00	00		993		SEA
SA	0353	E150 BKN	20			085	80	47	02	05		993	210 1050 78 RAWT 58142	MR
SA	0453	E 150 BKN	20			093	78	47	03	04		995		MR
SA	0554	E 150 BKN	20			105	79	48	13	04		997		MR
SA	0658	E150 BKN	20			108	82	49	34	03		999	119 1070	MR
SA	0754	E150 BKN	20			108	86	47	00	00		999		MR
SA	0853	150 SCT	20			103	91	49	24	09		998		MR
SA	0957	E150 BKN	20			113	92	49	29	08		001	305 1050 76	MR
SA	1053	E150 BKN	20			109	93	48	26	09		999	TCU E	MR
SA	1156	100 SCT E150 BKN	20			102	95	47	18	08		998	CB E TCU NW	MR
SA	1256	100 SCT E150 BKN	20			100	96	46	25	09		997	CB E TCU ALQNS 710 1370	MR
SA	1358	100 SCT E150 BKN	20			096	96	45	22	07		998	CB SE	CH
SA	1451	E100 BKN 150 BKN	20			095	94	49	19	12 G 23		996	CB RWU SE	MR
SA	1550	E90 BKN 150 BKN	20			094	94	45	12	08		996	CB NE AND SE MOVG N TCU	SEA
					N	AND	E	~~RAIN~~ RWU	SE	RB194E	26		70700 1360 00 RAWT 68NG	
SA	1656	E90 BKN	20			092	92	47	14	15 G24		995	CB NE MOVD N CB SE MOVG	SEA
													NE DSIPTG VIRGA SE	
SA	1753	E 90 BKN	20			083	94	45	16	10		993		CH
SA	1856	90 SCT E150 BKN	20			086	92	46	15	06		994	~~BLDG CU~~ ~~BLDG CU~~ CUTTNS S / 567 1230	SEA
SA	1952	150 SCT	20			094 ~~098~~	~~86~~	46	10	05		995	COR 0350	SEA
SA	2057	150 SCT	20			098	86	45	12	03		998		SEA
SA	2157	150 SCT	20			099	~~88~~	43	21	08		998	114 1070 00	SEA
SA	2251	CLR	20			104	~~85~~	43	07	03		999	FEW AC	SEA
SA	2358	CLR	20			108	82	44	30	04		000	FEW AC N-NE	SEA

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

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: NELLIS, DESERT ROCK, NEVADA

DATE: 25 JUL 1985

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	26.500	81.0	60.0	29	3	3	AC	150																	00-01
01 52	26.510	80.8	60.0	30	6															2	1	.030			01-02
02 50	26.520	81.0	60.0	29	7															4					02-03
03 57	26.530	77.5	59.9	32	8	8	AC	E150												5					03-04
04 53	26.530	78.3	59.7	34	8															8	2	.030			04-05
05 54	26.570	78.8	60.0	34	8															8					05-06
06 58	26.585	81.8	61.5	32	8	8	AC	E150												8					06-07
07 54	26.590	85.6	62.2	27	7															8	1	.055			07-08
08 53	26.580	91.4	64.6	23	5															7					08-09
09 57	26.600	92.4	65.0	23	6	6	AC	E150												5					09-10
10 53	26.590	92.6	64.7	22	6															6	3	.015			10-11
11 52	26.580	94.9	64.9	19	6															6					11-12
12 52	26.570	96.4	65.3	18	8	3	CB	100	5	AC	E150	8								6					12-13
13 58	26.560	96.2	64.8	18	8															8	7	.030			13-14
14 51	26.555	94.0	65.4	21	8															8					14-15
15 50	26.550	94.0	64.2	19	8	6	CB	E90	2	AC	150	8								8					15-16
16 56	26.540	92.0	64.1	21	9															7	7	.020			16-17
17 53	26.520	94.0	64.0	19	8															8					17-18
18 56	26.530	92.0	63.6	20	7	1	CU	90	7	AC	E150	T								8					18-19
19 52	26.545	86.0	61.8	25	5															5	5	.020			19-20
20 57	26.565	85.6	61.2	24	1															3					20-21
21 57	26.574	86.5	60.8	22	1	1	AC	150												1					21-22
22 51	26.580	85.0	60.4	23	0															1	1	.010			22-23
23 58	26.590	81.9	59.6	26	0															0					23-24
																				0					

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	86	78	X	X						X		
	0350	1	0	0	0	87	78		0								
	0950	2	0	0	0	93	76		0								
	1543	3	T	0	0	100	92		0								
	2151	4	0	0	0	97	83		0								
	MID.	X	0	0	0	88	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0954	1550	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.550	26.570
BAROGRAPH 64	26.570	26.600	26.550	26.570
BAR. CORR. 65	+.010	0*	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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	76	T	0	0	30	SE	1521					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1519	1526			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 0456 P @ 2 Sec. / 1554 BT @ 2 Sec. / ± Sec.

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

1550/1550

1856/1856

1952/2050

2157/2154

SP=

RS=

MF1-10B (10-83)

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

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 26 JUL 1985

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. METHOD (15)
SA	0055	CLR	20			103	84	44	20	14		999	FEW AC NE/ 003 1070	SEA
SA	0151	CLR	20			104	82	45	14	05		999	FEW AC	SEA
SA	0253	150 SCT	20			111	75	44	04	07		000		SEA
SA	0359	E150 BKN	20			116	75	44	05	05		001	307 1050 74 RADAT 60138	MR
SA	0454	140 SCT	20			125	74	44	11	05		003		MR
SA	0553	130 SCT	20			128	74	45	10	04		004	VIRGA E	MR
SA	0654	130 SCT	20			130	79	47	00	00		005	TCU E ACCAS S 114	MR
/													1280	/
SA	0752	E130 BKN	20			130	84	45	30	02		005	ACCAS SE	MR
SA	0853	130 SCT	20			125	89	46	14	02		005	ACCAS ALQDS	MR
SA	0955	E140 BKN	20			125	90	45	26	05		005	ACCAS ALQDS 602 1060 71	MR
SA	1055	140 SCT	20			117	93	46	23	03		003	CB DSNT SE ACCAS ALQDS	MR
SA	1156	120 SCT 160 SCT	20			110	98	46	25	04		001	CB DSNT N-W TCU N	MR
SA	1254	120 SCT 160 SCT	20			105	98	42	22	08		999	CB W TCU ALQDS 615	MR
/													1370 CUR 2127	/
SA	1355	120 SCT 160 SCT	20			098	98	44	24	07		997		CH
SA	1453	120 SCT 160 SCT	20			095	100	45	26	07		996	CB DSNT W	MR
SA	1553	100 SCT 270 SCT	20			086	100	44	22	06		993	CB DSNT SW-W / 720	MR
—	—												1903 01 RADAT 66144	—
SA	1651	100 SCT 270 SCT	20			083	99	45	23	12		992	FEW TCU VIRGA SE	MR
SA	1750	100 SCT 270 SCT	20			085	97	44	23	10		992	CB VIRGA SE	MR
SA	1850	100 SCT 270 SCT	20			083	94	44	23	07		992	VIRGA SE / 603 1203	MR
SA	1951	100 SCT	20			091	89	45	06	05		994		MR
SA	2050	CLR	20			098	84	44	01	05		996	FEW SC	MR
SA	2157	CLR	20			098	82	45	02	07		996	114 1400 01	MR
SA	2252	CLR	20			104	79	45	02	06		997		MR
SA	2353	CLR	20			105	77	45	01	09		998		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 (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 28 JUL 1985

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	26.580	84.0	60.4	24	0	0	AC	150												0	0	.010			00-01
01 51	26.580	82.1	59.9	27	0															0					01-02
02 53	26.590	75.0	57.0	33	1															1					02-03
03 52	26.600	75.0	57.2	34	6	6	AC	E150												6	3	.020			03-04
04 54	26.620	74.3	56.7	33	4															4					04-05
05 53	26.630	73.7	57.1	36	3															3					05-06
06 54	26.640	78.8	59.7	33	5	0	Cu	100	5	Ac	130	5								5	1	.040			06-07
07 52	26.640	84.4	61.0	26	6															6					07-08
08 53	26.635	88.9	62.6	23	4															4					08-09
09 53	26.635	90.3	63.0	21	6	6	Ac	E140												6	6	.005			09-10
10 55	26.615	93.0	63.9	20	3															3					10-11
11 56	26.600	97.9	65.5	17	3															3					11-12
12 54	26.590	98.2	64.5	15	2	2	CB	120	0	Ac	160	2								2	6	.045			12-13
13 55	26.565	98.2	65.0	16	2															2					13-14
14 53	26.555	100.0	65.8	15	2															2					14-15
15 53	26.530	100.3	65.7	15	4	4	CB	100	0	Ci	270	4								4	7	.060			15-16
16 51	26.520	98.5	65.3	16	3															3					16-17
17 50	26.520	97.2	64.8	16	3															3					17-18
18 50	26.520	93.7	63.7	18	2	2	TCU	100	0	Ci	270	2								2	6	.010			18-19
19 51	26.540	89.0	62.3	22	3															3					19-20
20 50	26.560	84.3	60.5	25	0															0					20-21
21 57	26.560	82.3	60.0	27	0	0	Sc	100												0	1	.040			21-22
22 52	26.570	79.3	59.1	30	0															0					22-23
23 53	26.580	77.3	58.5	32	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	X	0	0	X	85	74	X	X						X		
	0351	1	0	0	0	88	74		0								
	0949	2	0	0	0	91	71		0								
	1549	3	0	0	0	101	90		0								
	2152	4	0	0	0	100	81		0								
	MID.	X	0	0	0	82	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0954	1553	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.635	26.530	26.520
BAROGRAPH 64	26.590	26.635	26.530	26.520
BAR. CORR. 65	+.010	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	71	0	0	0	23	SW	1719					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 0457P ⊕2 Sec./ 1920P ⊕2 Sec./ ± Sec.

1254/1329

SP=

RS=

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

☆U.S.GPO:1983-0-764-006/6069

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE 27 JUL 1984

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	CLR	20			100	78	46	09	03		997	003	[illegible]
SA	0157	CLR	20			101	76	47	07	04		997		[illegible]
SA	0253	CLR	20			102	74	47	21	06		997		[illegible]
SA	0356	130 SCT	20			107	75	46	12	02		999	305 1050 72 RADAT 64142	MR
SA	0455	140 SCT	20			112	73	45	17	05		000	TCU N AND E	MR
SA	0554	150 SCT	20			121	76	48	16	02		003	TCU SE	MR
SA	0656	150 SCT	20			122	78	47	00	00		003	TCU NE 112 1250	MR
SA	0754	150 SCT	20			121	85	47	24	03		003	TCU NE	MR
SA	0854	150 SCT	20			116	90	47	27	06		002	CB DSNT W	MR
SA	0956	130 SCT	20			116	92	47	20	09		002	CB DSNT W-NW ACCAS NE	MR
/													603 1980 72	/
SA	1055	130 SCT	20			111	95	47	22	10		000	CB NW	MR
SA	1154	100 SCT E130 BKN	20			108	96	48	18	04		999	CB NW TCU NE-S	MR
SA	1255	100 SCT 140 SCT	20			096	99	49	23	09	G15	996	CB OMTNS SE TCU ALQDS	MR
/													817 1370	/
SA	1355	110 SCT 140 SCT	20			088	100	47	19	11	G22	994	TCU ALQDS	MR
SA	1450	120 SCT 150 SCT	20			085	99	46	24	04	G19	993	CB DSNT NW TCU ALQDS	MR
SA	1553	110 SCT	20			075	99	44	24	16	G23	990	CB NE-SE RWU SE	[illegible]
—	—												820 1300 02 RADAT	—
—	—												68144	—
SA	1651	110 SCT	20			070	98	43	23	13	G21	987	CB DSNT NE AND SE	[illegible]
SA	1750	110 SCT 300 SCT	20			073	97	43	19	10		988		[illegible]
SA	1851	CLR	20			073	93	44	23	09		988	503 1103	[illegible]
SA	1950	CLR	20			078	89	45	23	06		991		[illegible]
SA	2055	CLR	20			086	85	43	10	05		993	FEW SC	[illegible]
SA	2157	CLR	20			092	80	44	00	00		994	117 1400 02	[illegible]
SA	2253	110 SCT	20			085	81	41	34	05		993		[illegible]
SA	2354	120 SCT	20			084	83	39	00	00		993		[illegible]

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

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

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

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

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION

DATE

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 53	26.570	78.4	59.3	32	0															0	0	.010			00-01
01 57	26.570	76.2	58.7	35	0															0					01-02
02 53	26.570	74.3	58.0	38	0															0					02-03
03 56	26.585	74.8	57.9	36	3	3	Ac	130												3	3	.015			03-04
04 55	26.595	73.2	57.0	37	2															2					04-05
05 54	26.620	75.7	58.9	37	3															3					05-06
06 56	26.620	78.0	59.6	34	5	0	Cu	100	5	Ac	150	5								5	1	.035			06-07
07 54	26.620	85.2	61.9	27	1															1					07-08
08 54	26.610	89.7	63.5	23	2															2					08-09
09 56	26.610	91.7	64.1	22	2	0	CB	90	2	Ac	130	2								2	6	.010			09-10
10 55	26.595	94.9	65.0	19	2															2					10-11
11 54	26.585	96.2	65.9	20	6															6					11-12
12 55	26.560	99.0	66.9	18	4	3	CB	100	1	Ac	140	4								4	8	.050			12-13
13 55	26.540	99.8	66.6	17	3															3					13-14
14 50	26.525	99.1	66.0	17	3															3					14-15
15 53	26.500	98.9	65.2	15	3	3	CB	110												3	8	.060			15-16
16 51	26.480	97.8	64.6	16	2															2					16-17
17 50	26.490	96.7	64.2	16	1															1					17-18
18 51	26.490	92.7	63.3	19	0	0	CU	110	0	Ci	300	0								0	5	.010			18-19
19 50	26.510	89.3	62.5	22	0															0					19-20
20 55	26.530	85.4	60.4	23	0															0					20-21
21 57	26.540	80.3	59.0	28	0	0	Sc	110												0	1	.050			21-22
22 53	26.530	81.0	58.0	24	1															1					22-23
23 54	26.530	82.6	58.0	21	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		79	72										
	0349	1	0	0	0	82	72		0								
	0949	2	0	0	0	94	72		0								
	1549	3	0	0	0	102	92		0								
	2152	4	0	0	0	100	80		0								
	MID.		0	0	0	83	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0955	1553	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.585	26.610	26.500	26.540
BAROGRAPH 64	26.575	26.610	26.500	26.520
BAR. CORR. 65	+.010	0	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
102	72	0	0	0	25	SW	1420					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 SUNSET

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: 0457P @ 2 Sec./ 1855P @ 2 Sec./ ± Sec.

1255/1255

1450/1449

SP=

RS=

☆ U.S.GPO:1983-0-784-006/6069

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE 28 JUL 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0054	110 SCT	20			085	78	36	06	03		993	603 1400	[illegible]
SA	0153	110 SCT	20			083	74	36	02	06		992		[illegible]
SA	0256	110 SCT	20			081	77	37	10	10		992	LTGIC DSNT SE	[illegible]
SA	0353	110 SCT	20			089	77	40	07	06		994	303 1400 73 RADAT	JC
/													88141	/
SA	0451	110 SCT	20			099	73	42	33	06		997		JC
SA	0554	E110 BKN	20			101	79	42	19	05		998		JC
SA	0655	110 SCT	20			103	82	45	03	04		999	114 1410	JC
SA	0753	110 SCT	20			101	87	43	34	04		998	FEW SC SE	JC
SA	0854	CLR	20			101	90	42	21	05		998	FEW AC E-SE	JC
SA	0953	120 SCT 250 SCT	20			103	93	42	22	05	18	998	603 1171 72	JC
SA	1053	120 SCT 250 SCT	20			094	93	43	24	11	21	996	FEW CU NE-SE	JC
SA	1154	120 SCT 250 SCT	20			084	96	47	21	16	25	993	CB E STNRY	JC
SA	1252	120 SCT 250 SCT	20			078	98	48	17	16	23	991	CB E STNRY/220 1471	JC
SA	1354	CLR	20			068	99	49	19	10	22	988	FEW CU NE-SE	JC
SA	1450	CLR	20			067	98	45	20	15	28	985	CB DSNT SE	JC
SA	1554	CLR	20			052	97	39	22	17	23	983	TCU NE SE/324 ~~00~~ 1230 00	EP
/												/	RADAT 20113	/
SA	1653	CLR	20			047	96	39	19	14	22	981	FEW CU	EP
SA	1753	CLR	20			050	94	40	21	15		982	FEW CU	EP
SA	1853	CLR	20			056	90	36	19	10		983	CB DSNT NE/302 1331	EP
SA	1951	CLR	20			057	86	33	15	08		984	OCNL LTG DSNT NE	EP
SA	2053	CLR	20			060	80	32	14	08		985	OCNL LTG DSNT NE	EP
SA	2154	CLR	20			060	79	33	12	08		985	OCNL LTG DSNT NE/103	EP
/												/	1030 00	/
SA	2252	CLR	20			065	77	35	05	05		986		EP
SA	2351	CLR	20			061	78	38	01	06		986		EP

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 28 JUL 1985

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	26.530	77.7	55.2	22	2	2	Sc	110												2	6	.010			00-01
01 53	26.520	74.0	53.8	25	2															2					01-02
02 56	26.520	76.6	55.1	24	2															2					02-03
03 53	26.540	77.1	56.4	22	2	2	Sc	110												2	3	.010			03-04
04 51	26.560	73.1	52.6	33	3															3					04-05
05 54	26.570	78.9	57.9	27	6															5					05-06
06 53	26.530	81.9	60.0	28	4	4	Sc	110												4	1	.040			06-07
07 53	26.510	86.1	61.3	22	1															1					07-08
08 54	26.570	89.5	62.7	22	0															0					08-09
09 53	26.570	93.0	62.5	17	1	0	Cu	80	1	Ac	120	1	0	Ci	250	1				1	6	.010			09-10
10 53	26.530	93.1	63.8	18	3															3					10-11
11 54	26.530	96.1	63.5	19	4															3					11-12
12 53	26.510	97.8	66.2	18	3	0	Cb	80	3	Ac	120	3	0	Ci	250	3				3	7	.060			12-13
13 54	26.480	99.3	65.0	15	0															0					13-14
14 50	26.480	97.6	65.2	17	0															0					14-15
15 54	26.470	96.5	63.0	14	0	0	Cu	80	0	Ac	120	0								0	8	.070			15-16
16 53	26.420	96.2	62.8	14	0															0					16-17
17 53	26.430	93.8	62.2	15	0															0					17-18
18 53	26.445	89.8	59.2	15	0	0	Cb	80	0	Ac	120	0	0	Ci	260	0				0	3	.005			18-19
19 51	26.450	85.7	57.2	15	0															0					19-20
20 53	26.455	80.2	55.0	17	0															0					20-21
21 54	26.455	78.8	54.7	19	0	0	Ac	120												0	1	.010			21-22
22 52	26.470	76.6	54.3	22	0															0					22-23
23 51	26.465	77.8	56.0	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 0358	X	0	0	X	83	73	X	X						X		
	0358	1	0	0	0	83	73		0								
	0949	2	0	0	0	95	72		0								
	1550	3	0	0	0	100	93		0								
	2150	4	0	0	0	99	78		0								
	MID.	X	0	0	0	79	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.570	26.440	26.455
BAROGRAPH 64	26.545	26.560	26.440	26.450
BAR. CORR. 65	+.015	+.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL MIDNT. TO MIDNT. (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	72	0	0	0	31	S	1452					2	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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: 0805P ⊕1 Sec.1 2100 ⊕2 Sec.1 ± Sec.

1534P / 12HR MAX 00 / 0358P

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE 29 JUL 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			060	79	42	07	04		986	003	EP
SA	0152	CLR	20			058	80	43	06	02		985		EP
SA	0250	CLR	20			059	79	45	29	03		985		EP
SA	0353	CLR	20			061	74	47	03	08		986	602 73 RADAT 77133	JC
SA	0457	CLR	20			075	72	45	02	05		989		JC
SA	0555	CLR	20			073	76	48	03	06		989		JC
SA	0651	CLR	20			081	83	48	00	00		991	117	JC
SA	0753	CLR	20			077	85	48	27	06		990		JC
SA	0851	CLR	20			078	88	49	24	12	G19	990		JC
SA	0953	CLR	20			079	89	46	20	17	G24	990	603 1100 71	JC
SA	1052	CLR	20			072	89	45	18	15	G26	988	TCU SE	JC
SA	1153	CLR	20			065	92	42	19	18	G31	987	TCU SE	JC
SA	1255	CLR	20			056	94	40	21	19	G29	984	TCU SE / 717 1200	JC
SA	1354	CLR	20			045	93	41	21	25	G32	981	FEW CU NE-SE	JC
SA	1453	CLR	20			038	94	39	20	23	G31	979	FEW CU NE	JC
SA	1555	CLR	20			033	94	35	18	20	G28	976	624 96 RADAT 20145	EP
SA	1651	CLR	20			028	93	36	19	21	G29	975		EP
SA	1752	CLR	20			027	91	33	21	17	G26	975		EP
SA	1853	CLR	20			028	87	34	21	14	G21	975	503	EP
SA	1951	CLR	20			032	84	37	21	16		976		EP
SA	2052	CLR	20			035	82	38	18	15		978		EP
SA	2152	CLR	20			033	81	34	18	17	G25	977	005 96	EP
SA	2253	CLR	20			036	79	28	19	22	G31	978		EP
SA	2352	CLR	20			030	79	27	18	24	G31	976		EP

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

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

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

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

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION

DATE 29 [illegible]

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	26.465	79.0	58.3	27	0															0	0	.010			00-01
01 52	26.460	79.8	58.5	27	0															0					01-02
02 50	26.460	78.5	58.7	30	0															0					02-03
03 53	26.460	73.6	55.2	39	0															0	6	.005			03-04
04 54	26.470	71.8	56.4	34	0																				04-05
05 55	26.480	76.4	59.2	36	0															0					05-06
06 51	26.510	82.6	61.3	30	0															0	1	.050			06-07
07 53	26.500	84.8	62.0	27	0															0					07-08
08 51	26.500	88.4	63.7	26	0															0					08-09
09 53	26.500	89.4	62.8	22	0	0	Cu	100												0	6	.010			09-10
10 52	26.480	88.9	62.5	22	0															0					10-11
11 53	26.420	91.8	62.4	18	0															0					11-12
12 55	26.450	93.6	62.1	15	0	0	Tcu	100												0	7	.050			12-13
13 54	26.420	93.9	62.3	17	0															0					13-14
14 53	26.400	94.0	62.1	15	0															0					14-15
15 55	26.380	93.8	60.9	13	0															0	6	.070			15-16
16 51	26.365	93.0	60.8	14	0															0					16-17
17 52	26.365	90.6	59.2	13	0															0					17-18
18 53	26.370	86.7	57.9	15	0															0	5	.010			18-19
19 51	26.380	84.0	58.0	19	0															0					19-20
20 52	26.390	81.7	57.2	21	0															0					20-21
21 52	26.385	80.7	55.7	19	0															0	0	.015			21-22
22 53	26.390	79.0	53.4	15	0															0					22-23
23 52	26.380	78.8	53.0	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0348		0	0		80	73										
	0348	1	0	0	0	80	73		0								
	0947	2	0	0	0	92	71		0								
	1551	3	0	0	0	96	89		0								
	2149	4	0	0	0	95	80		0								
	MID.		0	0	0	81	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0250	0949	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.500	26.380	26.385
BAROGRAPH 64	26.470	26.500	26.400	26.395
BAR. CORR. 65	-.020	±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 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
96	71	0	0	0	33	S	1405					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 SUNSET

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

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

TIME CHECK-CLOCK AT: 0656P @/ Sec./ 2130 @/ Sec./ ± Sec.

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: 30 JAN 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0053	CLR	20			030	77	25	19	14		976	802	EP
SA	0151	CLR	20			036	75	26	21	10		978		EP
SA	0250	CLR	20			041	73	30	21	12 G20		979		EP
SA	0353	CLR	20			045	71	37	22	12 G23		980	210 71 RADAT 20148	JC
SA	0454	CLR	20			054	69	40	23	17 G23		982		JC
SA	0554	CLR	20			058	71	41	25	13 G18		983		JC
SA	0653	CLR	20			075	73	41	23	19 G24		988	324	JC
SA	0752	CLR	20			086	76	40	25	14 G20		991		JC
SA	0851	CLR	20			083	78	39	24	14 G22		990		JC
SA	0953	CLR	20			084	81	39	25	18 G28		988	114 68	JC
SA	1050	CLR	20			081	84	41	23	10 G14		991		JC
SA	1152	CLR	20			079	86	38	25	10 G16		990		JC
SA	1254	CLR	20			079	87	39	24	14 G19		990	507	JC
SA	1352	CLR	20			076	88	36	24	13		989		JC
SA	1450	CLR	20			074	89	37	23	11 G17		988		JC
SA	1555	CLR	20			062	90	36	27	10 G19		984	817 92 RADAT 20148	EP
SA	1654	CLR	20			061	89	34	23	11		983		EP
SA	1751	CLR	20			061	87	33	23	13		983		EP
SA	1851	CLR	20			063	83	33	23	13		983	502	EP
SA	1951	CLR	20			068	82	36	22	10		985		EP
SA	2054	CLR	20			072	78	39	23	04		986		EP
SA	2152	CLR	20			071	76	34	07	04		986	108 92	EP
SA	2251	CLR	20			074	72	33	07	06		987		EP
SA	2352	CLR	20			074	70	32	36	03		987		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: 30 JUL 1985

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	26.380	77.3	52.0	14	0															0	8	-.005			00-01
01 51	26.390	74.9	51.3	16	0															0					01-02
02 50	26.400	73.0	51.4	20	0															0					02-03
03 53	26.410	71.2	53.0	29	0															0	8	.030			03-04
04 54	26.430	68.6	53.0	35	0															0					04-05
05 54	26.440	70.8	54.2	34	0															0					05-06
06 53	26.430	73.0	55.0	31	0															0	3	.020			06-07
07 53	26.510	75.9	55.0	28	0															0					07-08
08 51	26.500	77.9	56.3	25	0															0					08-09
09 53	26.520	80.8	57.3	22	0															0	1	.040			09-10
10 53	26.510	83.7	59.0	22	0															0					10-11
11 [illegible]	[illegible]	[illegible]	[illegible]	19	0															0					11-12
12 54	26.500	87.4	57.2	18	0															0	6	.060			12-13
13 52	26.490	87.8	58.8	16	0															0					13-14
14 50	26.480	89.1	59.8	16	0															0					14-15
15 55	26.450	89.7	59.5	15	0															0	8	.050			15-16
16 54	26.440	88.7	58.8	15	0															0					16-17
17 51	26.440	87.0	57.8	15	0															0					17-18
18 51	26.445	83.4	56.5	17	0															0	5	-.005			18-19
19 51	26.460	82.0	56.7	19	0															0					19-20
20 54	26.470	78.0	56.2	24	0															0					20-21
21 52	26.470	75.8	53.8	22	0															0	1	.025			21-22
22 51	26.475	71.7	51.7	24	0															0					22-23
23 52	26.475	70.0	50.8	24	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 0348		0	0		79	71										
	0348	1	0	0	0	81	71		0								
	0949	2	0	0	0	82	68		0								
	1551	3	0	0	0	92	81		0								
	2148	4	0	0	0	90	75		0								
	MID.		0	0	0	76	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.420	26.450	26.470
BAROGRAPH 64	26.410	26.420	26.470	26.480
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
92	68	0	0	0	32	5	0010					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 SUNSET

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: 0959P @1 Sec./ 2230 @2 Sec./ ± Sec.

SP=

RS=

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION

DATE 31 JUL 1985

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0051	CLR	20			074	69	31	35	03		987	102	EP
SA	0151	CLR	20			076	68	30	08	04		987		EP
SA	0250	CLR	20			077	64	30	05	05		987		EP
SA	0353	CLR	20			080	67	32	04	09		989	305 64 RADAT 22153	JC
SA	0454	CLR	20			088	65	34	21	03		991		JC
SA	0553	CLR	20			087	68	35	17	03		991		JC
SA	0655	CLR	20			090	75	34	27	04		992	110	JC
SA	0754	CLR	20			093	80	38	26	04		993		JC
SA	0855	CLR	20			088	87	38	20	15	G27	992		JC
SA	0953	CLR	20			088	89	39	21	19	G27	992	000 64	JC
SA	1052	CLR	20			090	89	39	20	17	G30	992		JC
SA	1153	CLR	20			085	92	37	21	20	G31	991		JC
SA	1252	CLR	20			081	92	38	20	19	G29	990	807	JC
SA	1353	CLR	20			076	90	38	19	20	G31	988		JC
SA	1450	CLR	20			075	94	39	21	17	G28	988		JC
SA	1554	CLR	20			067	93	32	20	18	G28	985	814 95 [illegible]	EP
SA	1650	CLR	20			065	92	32	20	18	G27	984		EP
SA	1752	CLR	20			063	90	35	19	14	G23	983		EP
SA	1850	CLR	20			058	87	37	19	13		983	607	EP
SA	1953	CLR	20			064	83	32	23	09		985		EP
SA	2052	CLR	20			070	79	32	18	04		987		EP
SA	2152	CLR	20			076	75	32	12	05		988	217 95	EP
SA	2251	CLR	20			082	75	32	31	05		990		EP
SA	2351	CLR	20			091	74	32	25	08		993		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION

DATE 31 JUL 1985

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.475	69.1	50.5	24	0															0	1	.005			00-01
01 51	26.480	68.0	49.5	25	0															0					01-02
02 50	26.480	64.2	47.8	28	0															0					02-03
03 53	26.490	66.9	49.5	27	0															0	3	.015			03-04
04 54	26.570	64.8	49.2	32	0															0					04-05
05 53	26.570	68.2	51.2	30	0															0					05-06
06 53	26.520	72.2	53.5	22	0															0	1	.030			06-07
07 54	26.530	79.3	56.2	22	0															0					07-08
08 55	26.520	86.5	59.0	18	0															0					08-09
09 53	26.520	88.9	60.2	17	0															0	0	.000			09-10
10 52	26.520	88.7	60.2	17	0															0					10-11
11 53	26.510	91.7	60.6	15	0															0					11-12
12 52	26.500	92.4	60.1	15	0															0	8	.010			12-13
13 53	26.495	90.3	60.5	16	0															0					13-14
14 50	26.480	89.9	61.9	15	0															0					14-15
15 54	26.460	92.6	59.5	12	0															0	8	.040			15-16
16 50	26.450	91.6	59.3	12	0															0					16-17
17 52	26.445	90.0	59.3	14	0															0					17-18
18 50	26.440	87.0	59.3	14	0															0	6	.020			18-19
19 53	26.455	82.5	55.8	16	0															0					19-20
20 52	26.475	79.0	54.5	18	0															0					20-21
21 52	26.490	75.2	53.0	21	0															0	2	.050			21-22
22 51	26.505	76.0	52.8	20	0															0					22-23
23 51	26.530	74.3	52.5	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		76	64										
	0348	1	0	0	0	76	64		0								
	0949	2	0	0	0	90	64		0								
	1550	3	0	0	0	95	88		0								
	2148	4	0	0	0	93	75		0								
	MID.		0	0	0	75	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0951	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.520	26.460	26.490
BAROGRAPH 64	26.490	26.520	26.475	26.495
BAR. CORR. 65	±0	±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
95	64	0	0	0	32	S	1330					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 SUNSET

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: 0957P @ Sec./ 2130 @ Sec./ ± Sec.

1850/1850 2251/2251

SP=

RS=