WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, Nevada

MONTH: July

YEAR: 1984

LATITUDE: 36° 39' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: PST

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 KNOTS 10	Peak SPEED KNOTS 11	DIRECTION 12	Ave. Stn Press	* PERCENT OF POSSIBLE SUN 14	SKY COVER SUNRISE TO SUNset (Tenths) 15	WEATHER OCCURRENCES 16	04 17	10 R 18	H 16 19	22 20
1	101	72	87		0	22	0	0	0	7.9	36	E	26.57	86	2		44	24	14	26
2	104	74	89		0	24	0.19	0	0	6.5	30	NE	26.57	67	4	T, RW-	36	21	16	42
3	104	72	88		0	23	0.02	0	0	5.6	24	NE	26.59	76	3	T, RW-	61	22	26	32
4	108	73	91		0	26	0	0	0	6.0	18	NW	26.53	90	1		46	12	8	20
5	107	77	92		0	27	0	0	0	7.9	24	SW	26.46	74	3		18	8	9	17
6	108	74	91		0	26	0	0	0	9.5	32	S	26.42	79	4		22	10	6	12
7	105	80	93		0	28	0	0	0	12.5	35	SW	26.45	94	1		26	18	11	27
8	102	76	89		0	24	0	0	0	10.4	42	S	26.48	89	2		36	13	13	26
9	99	72	86		0	21	0	0	0	9.7	30	S	26.49	100	0		42	10	7	9
10	102	70	86		0	21	0	0	0	7.4	24	SW	26.54	98	0		13	8	13	14
11	105	69	87		0	22	0	0	0	7.6	27	SW	26.54	94	2		16	10	11	24
12	99	80	90		0	25	T	0	0	9.4	35	N	26.51	31	8	T, RW-	31	27	16	25
13	98	69	84		0	19	0.13	0	0	7.6	35	N	26.53	32	7	T, RW-	45	31	29	80
14	95	72	84		0	19	0	0	0	5.7	16	E	26.64	25	9		62	37	28	49
15	94	73	84		0	19	0	0	0	5.0	29	N	26.71	53	6	T	54	31	30	47
16	99	72	86		0	21	0.03	0	0	4.8	30	E	26.66	60	5	T, RW-	63	36	25	77
17	100	73	87		0	22	0	0	0	4.9	25	S	26.54	44	6		77	37	17	31
18	96	77	87		0	22	0	0	0	8.9	29	SW	26.60	39	7	T	42	39	28	49
19	94	73	84		0	19	0.19	0	0	6.8	37	NE	26.66	66	6	T, RW-	58	42	51	50
20	95	72	84		0	19	0.14	0	0	5.7	22	SE	26.57	47	7	RW-	68	39	37	66
21	88	67	78		0	13	0.32	0	0	8.3	27	N	26.48	9	10	T, RW-	71	80	47	93
22	70	63	67		0	2	2.03	0	0	8.4	27	N	26.59	1	10	T, RW+	92	85	86	92
23	84	61	73		0	8	0.20	0	0	6.1	17	E	26.69	57	5	RW+	93	61	44	81
24	94	64	79		0	14	0	0	0	4.8	11	SW	26.69	97	0		83	42	24	60
25	98	69	84		0	19	0	0	0	6.7	21	E	26.63	96	1		68	29	16	38
26	90	74	82		0	17	0	0	0	5.8	17	NE	26.63	27	8		51	35	33	39
27	78	70	74		0	9	0.03	0	0	12.2	24	NE	26.66	16	9	T, RW-	55	54	49	64
28	82	66	74		0	9	0.03	0	0	8.6	20	SE	26.67	12	9	T, RW-	88	57	54	81
29	91	64	78		0	13	0	0	0	7.2	21	N	26.69	69	3		86	51	29	50
30	92	68	80		0	15	0	0	0	6.0	24	N	26.64	68	4	T	61	33	30	57
31	91	66	79		0	14	0.33	0	0	8.1	34	SE	25.59		3	T, RW-	74	45	41	75
SUM	2973	2202	—	—	0	582	3.64	0	—	232.0	—	—	824.02	—	145	—	1682	1047	848	1451
AVG	95.9	71.0	—	—	—	—	—	—	—	7.5	FASTEST	DIRECTION		%		—	54	34	29	47
										MISC. →	42	S	26.58	55	4.7	—				

TEMPERATURE DATA

AVERAGE MONTHLY 83.5

DEPARTURE FROM NORMAL -1.0

HIGHEST 108 ON 4, 6

LOWEST 61 ON 23

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 26

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

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 582

DEPARTURE FROM NORMAL -31

SEASONAL TOTAL 1282

DEPARTURE FROM NORMAL

*Estimated

PRECIPITATION DATA

TOTAL FOR THE MONTH 3.64 IN.

DEPARTURE FROM NORMAL IN.

GREATEST IN 24 HRS. 2.03 ON 22

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. ON

GREATEST DEPTH ON GROUND ON

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 13

PARTLY CLOUDY (Scale 4–7) 11

CLOUDY (Scale 8–10) 7

WITH 0.01 INCH OR MORE PRECIP. 12

WITH 0.10 INCH OR MORE PRECIP. 8

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 1

SYMBOLS USED IN COLUMN 16

T = thunder-storm
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												

HIGHEST STN 26.74 IN. ON 15

LOWEST 26.34 IN. ON 6

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

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 01 JUL 1984

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	0050	120 SCT E250 OVC	20			095	84	46	11	16	826	997	PK WND 1036/13/ 010 1063	SEA
SA	0149	250-OVC	20			095	84	45	10	10	618	998		SEA
SA	0250	E250 OVC	20			101	78	51	12	05		998	OVC PRY 1HN	SEA
SA	0349	190 SCT 250 -OVC	20			110	76	53	09	09		999	310 1078 75 RADAT 68141	JD
SA	0447	190 SCT 250 -OVC	20			119	76	53	10	07		002		JD
SA	0549	150 SCT 190 SCT 250 -BKN	20			119	78	53	10	08		003		JD
SA	0648	150 SCT 190 SCT 250 SCT	20			124	81	52	11	10		004	214 1072	JD
SA	0750	150 SCT 190 SCT 250 SCT	20			127	84	53	11	10		005		JD
SA	0846	CLR	20			124	88	52	11	08		004	CU SE	JD
SA	0950	CLR	20			118	92	50	13	08		003	MDT CU OMTNS SE/ 803	
													1201 75	JD
SA	1048	CLR	20			114	96	50	15	07		002	MDT CU SE NW	JD
SA	1148	90 SCT	20			108	97	46	11	08		999	MDT CU SE NW-N	JD
SA	1249	90 SCT	20			102	99	45	10	08		998	CU ALQDS/ 715 1200	JD
SA	1349	90 SCT	20			094	99	40	12	07		996	CU ALQDS	JD
SA	1450	90 SCT	20			089	99	43	10	10		994	CU ALQDS	JD
SA	1550	100 SCT	20			082	99	43	14	12		992	7179 1200 01 RADAT 58151	WRG
SA	1650	100 SCT	20			075	98	43	11	05		990	TCU S	WRG
SA	1750	100 SCT	20			069	99	43	19	07		989		WRG
SA	1850	100 SCT 240 SCT	20			074	96	44	12	10		990	507 1402	WRG
SA	1950	100 SCT 240 SCT	20			080	93	49	20	09		992		WRG
SA	2050	100 SCT 240 SCT	20			086	90	50	16	03		995		WRG
SA	2150	CLR	20			091	86	50	30	05		995	117 1405 01	WRG
SA	2250	CLR	20			090	85	48	00	00		995		WRG
SA	2350	CLR	20			090	85	50	06	05		995		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 01 JUL 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.560	84.0	61.1	27	10	4	AC	120	6	CI	E250	10								7	0	.030			00-01
01 49	26.565	84.0	60.9	26	10															5					01-02
02 50	26.570	78.0	61.0	38	10															6					02-03
03 49	26.590	75.5	61.2	45	10	0	AC	150	2	AC	190	2	8	CS	250	10				3	3	.030			03-04
04 47	26.600	75.9	61.3	44	10															2					04-05
05 49	26.615	77.7	62.0	42	9															3					05-06
06 48	26.630	81.0	62.9	37	2	1	AC	150	0	AC	190	1	1	CI	250	2				2	2	.040			06-07
07 50	26.635	83.7	64.3	35	1															1					07-08
08 46	26.630	87.6	64.9	30	0															0					08-09
09 50	26.620	91.8	65.4	24	0	0	CU	100	0	CI	250	0								0	8	.010			09-10
10 48	26.605	95.7	66.4	21	0															0					10-11
11 48	26.590	96.8	65.3	18	1															1					11-12
12 49	26.575	98.7	65.7	16	1	1	CU	90												1	7	.045			12-13
13 49	26.560	98.6	63.9	14	1															1					13-14
14 50	26.540	98.9	64.8	15	1															1					14-15
15 50	26.520	99.3	65.2	15	2	2	CU	100												2	7	.055			15-16
16 50	26.500	98.2	64.7	15	2															2					16-17
17 50	26.490	96.8	65.0	15	2															2					17-18
18 50	26.500	96.4	64.4	17	2	2	SC	100	0	CI	240	2								2	5	.020			18-19
19 50	26.520	93.0	65.1	22	4															4					19-20
20 50	26.548	90.3	64.6	25	3															2					20-21
21 50	26.550	88.3	64.2	27	0	0	SC	100	0	CI	240	0								0	1	.050			21-22
22 50	26.550	85.1	62.4	28	0															0					22-23
23 50	26.550	85.1	63.0	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 0345		0	0		85	75										
	0345	1	0	0	0	89	75		0								
	0946	2	0	0	0	92	75		0								
	1546	3	0	0	0	101	92		0								
	2146	4	0	0	0	100	88		0								
	MID.		0	0	0	88	65										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.520	26.550
BAROGRAPH 64	26.580	26.610	25.520	26.545
BAR. CORR. 65	+.010	+.010*	+0.0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	75	0	0	0	36	E	0013					2	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: 0650 P ±2 Sec./ 2252 ±2 Sec./ ± Sec.

*0952P Barograph changed 0 corr

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 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 (Ins.) (12)	REMARKS AND SUPPLEMENTED CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	240 - SCT	20			089	85	50	07	03		995	400 1001	WRG
SA	0150	240 - SCT	20			093	83	50	05	03		996		WRG
SA	0250	240 - SCT	20			095	81	50	05	06		996		WRG
SA	0350	240 - SCT	20			102	79	50	11	02		998	308 1071 78 RADAT 69152	JD
SA	0449	110 SCT 170 SCT 250 SCT	20			105	79	50	35	04		999		JD
SA	0547	110 SCT 170 SCT 250 SCT	20			111	81	49	10	03		001		JD
SA	0648	160 SCT 250 SCT	20			113	87	50	13	04		002	212 1171	JD
SA	0749	160 SCT 250 SCT	20			113	90	51	08	02		002		JD
SA	0851	160 SCT 250 SCT	20			112	94	50	23	08		002	TCU OMTNS SE	JD
SA	0950	170 - SCT	20			113	95	50	24	08		002	000 1250 77	JD
SA	1049	170 - SCT 200 - SCT	20			110	98	49	26	10		001	CB N SE MOVMT UNK	JD
SA	1150	100 SCT 170 SCT 200 SCT	20			106	98	49	14	06		999	CB DSNT N-SE	JD
SA	1248	100 SCT 170 SCT 210 SCT	20			097	101	49	24	12		997	CB DSNT N SE/714 1933	JD
SP	1321	100 SCT 170 SCT 220 - BKN	20		T				20	08		995	TB19 NE MOVG NW CB	/
													DSNT N-SE RWU NE	JD
SP	1341	100 SCT 230 - BKN	20						25	09		995	TE40 CB NW-SE LTL	/
													MOVMT RWU SE	JD
SA	1352	100 SCT 230 - BKN	20			087	103	49	23	10		995	TB19E40 CB NW-SE LTL	/
													MOVMT RWU SE	JD
SP	1425	90 SCT E230 BKN	20		T				25	05		993	TB23 SE CB NW-SE	/
													LTL MOVMT RWU SE	JD
RS	1450	90 SCT E230 BKN	20			082	103	50	20	10		993	TB23E45 CB N-S MOVG	/
													N OCNL LTGCG S RWU SE	JD
RS	1552	E90 BKN 230 BKN	20		T	077	99	46	24	07		991	T ~~035~~ 45 OVHD MOVG N RWU N	/
													OCNL LTGCG 7~~22~~ 1902	/
													04 RADAT 67154	WRG
SP	1615	E90 BKN 230 BKN	20		TRW -				03	20G30		992	RB13 TOVHD LTL MOVMT	/
													FQT LTGCG	WRG
SA	1650	E90 OVC	20		TRW -	101	78	66	36	12G20		994	TOVHD LTL MOVMT RB13	/
													FQT LTGCG	WRG
SA	1750	E90 BKN 230 BKN	20		T	095	89	60	12	11		994	RE15 T MOVG S RWUS	WRG
RS	1850	E90 BKN 230 BKN	20			086	89	54	14	06		993	TE45 CB SE OVHD LTL MOVMT	/
													00719 1902	WRG
SA	1950	E90 BKN 230 BKN	20			090	84	62	34	07		994	CB SE THRU NW LTL MOVMT	
													FQT LTGIC NW	WRG
SA	2050	90 SCT E230 BKN	20			100	84	60	30	04		997	CB SW - NW FQT LTGCC	/
													LTL MOVMT	WRG
SA	2150	90 SCT 230 - BKN	20			104	84	59	12	10		998	~~21719~~ CB DSNT W MOVG W	
													OCNL LTGIC 21719 1902	
													04	WRG
SA	2250	90 SCT 250 - BKN	20			111	83	58	15	05		001	CB DSNT W OCNL LTGIC	WRG
SA	2350	90 SCT 250 SCT	20			112	80	55	13	10		001	CB SE MOVG W OCNL LTGIC	/
													CB W MOVG W	WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 2

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	26.550	84.8	62.9	30	2	2	Ci	240												1	4	.000			00-01
01 50	26.560	83.2	62.3	31	1															0					01-02
02 50	26.560	80.7	61.6	34	1															0					02-03
03 50	26.575	78.6	60.8	36	1	0	Ac	160	1	Ci	240	1								0	3	.025			03-04
04 49	26.585	78.5	61.0	37	2															2					04-05
05 47	26.600	81.0	61.2	32	2															2					05-06
06 48	26.610	87.1	64.0	28	1	0	Cu	110	1	Ac	160	1	0	Ci	250	1				1	2	.035			06-07
07 49	26.610	90.2	65.2	26	1															1					07-08
08 51	26.610	93.6	65.9	23	1															1					08-09
09 50	26.610	94.8	66.1	22	2	0	Cu	100	2	Ac	170	2								1	0	.000			09-10
10 49	26.600	97.5	66.8	20	1															0					10-11
11 50	26.590	97.8	66.9	20	1															1					11-12
12 48	26.570	101.2	67.9	18	3	2	Cb	100	0	Ac	170	2	1	Ci	210	3				3	7	.040			12-13
13 52	26.545	102.8	68.2	17	7															3					13-14
14 50	26.530	103.2	68.6	17	9															5		.060			14-15
15 50	26.510	99.0	66.0	17	9	6	CB	E90	3	Ci	230	9								8	7	~~.035~~			15-16
16 50	26.540	73.8	70.0	83	10															10					16-17
17 50	26.540	63.7	67.5	45	8															8					17-18
18 50	26.530	89.0	66.2	31	8	6	CB	E90	2	Ci	230	8								7	0	.020			18-19
19 50	26.540	84.0	69.0	46	7															6					19-20
20 50	26.570	81.2	64.0	45	6															5					20-21
21 50	26.580	83.6	66.9	43	9	3	CB	90	6	Ci	230	9								4	2	.050			21-22
22 50	26.600	82.9	66.1	43	8															3					22-23
23 50	26.600	80.2	64.0	42	4															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 0345	X	0	0	X	85	78	X	X						X		
	0345	1	0	0	0	88	78		0								
	0944	2	0	0	0	95	77		0								
	1546	3	0	0	0	104	95		0								
	2146	4	0.19	0	0	99	74		1								
	MID.	X	0	0	0	84	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.610	26.510	26.580
BAROGRAPH 64	26.560	26.605	26.510	26.575
BAR. CORR. 65	+.015	+.005	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	74	0.19	0	0	30	NE	1610					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1319	1340			
T	1423	1445			
T	1545	1845			
RW-	1613	1715			

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: 0517P ∅ 2Sec./ 2252 ∅ 9 Sec./ ± Sec.

1550/1550 1550/2150 720 1650/2150 74

2150/2150

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 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 (100's-36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	90SCT 250 -SCT	20			113	79	56	07	09		002	CB SE DSIPTD/210 1402	WRG
SA	0150	90SCT 250 SCT	20			113	78	56	04	07		002		WRG
SA	0250	90 SCT 250 SCT	20			114	76	57	26	04		002		WRG
SA	0349	160 SCT 250-SCT	20			120	74	59	09	03		003	202 1031 73 20019	/
													RADAT 71150	JD
SA	0449	100 SCT 160 SCT 250 SCT	20			138	73	61	32	02		004	TCU SE	JD
SA	0548	100 SCT 160 SCT	20			135	78	58	36	04		005	TCU SE	JD
SA	0649	100 SCT 160 SCT	20			134	83	55	13	02		006	TCU S/ 212 1230	JD
SA	0750	CLR	20			134	87	54	24	02		006	CB DSNT S MOVG W	/
													FEW CU AC	JD
SA	0850	150 -SCT	20			128	91	53	24	02		005	CB DSNT S MOVG W	/
													MDT CU OMTNS SE	JD
SA	0951	CLR	20			122	95	51	25	06		004	CB DSNT S DSIPTD TCU	/
													OMTNS SE/ 807 1230 72	JD
SA	1051	CLR	20			118	97	50	25	09		003	TCU E SE	JD
SA	1151	CLR	20			114	98	50	20	07		002	TCU N E SE	JD
SA	1252	X 230 SCT	20			105	100	48	23	03	G12	999	CB N E MOVMT UNK	/
													TCU SE/ 715 1933	JD
SA	1353	100 SCT 230 SCT	20			098	102	49	12	04		997	CB NW-~~N~~E MOVMT UNK	/
													TCU SE-SW VIRGA NW-NE	JD
SA	1452	90 SCT 150 SCT E230 BKN	20			094	100	47	31	02		995	CB NE MOVES OCNL LTGCG	/
													RWV NE AND NW	JD
SP	1459	90 SCT 150 SCT E230 BKN	20		TRW-				01	11		996	TB57 E MOVES RB57	/
													OCNL LTGCG E TCU ALQTR	/
													RWV NW	JD
~~AS~~	1552	E90BKN 230BKN	20			095	93	53	12	10		995	CB SW 1400Z W RE30 ~~TB~~ TE45/ TB57	/
													71402 1902 04 RADAT	/
													91150	WRG
SA	1652	E90BKN 230 BKN	20			089	97	48	25	12		993	CB SE THRU W LTC MOVMT RWW	WRG
SA	1752	90SCT 230-BKN	20			086	98	47	23	10		993	CB SE THRU SW LTC MOVMT	WRG
SA	1852	90 SCT 230 SCT	20			083	96	45	22	07		993	CB W DSIPTD/605 1402	WRG
SA	1952	90 SCT 230 SCT	20			085	88	52	04	06		993	CB E DSIPTD	WRG
SA	2052	230 -SCT	20			088	86	50	04	05		994		WRG
SA	2152	CLR	20			088	82	50	05	09		994	103 1001 04	WRG
SA	2252	CLR	20			093	80	54	06	03		995		WRG
SA	2352	CLR	20			094	79	46	03	07		996		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 3

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	26.610	79.4	64.0	44	5	1	Sc	90	4	Ci	250	5								2	2	.030	1		00-01
01 50	26.610	76.3	63.9	47	5															3			7		01-02
02 50	26.610	76.1	63.7	52	4															3			4		02-03
03 49	26.615	73.5	64.2	61	3	1	Ac	160	2	Ci	250	3								1	2	.005	3		03-04
04 49	26.630	72.5	64.8	67	5															4			2		04-05
05 48	26.640	77.8	64.5	50	3															3			4		05-06
06 49	26.650	83.2	65.0	38	2	2	Cu	100	0	Ac	160	2								2	2	.035	2		06-07
07 50	26.650	86.9	65.4	32	0															0			2		07-08
08 50	26.640	90.7	66.4	28	1															0			2		08-09
09 51	26.630	95.0	66.8	23	0	0	Cu	100	0	Ac	150	0								0	8	.020	1		09-10
10 51	26.620	96.6	66.7	21	0															0			9		10-11
11 51	26.605	98.0	67.2	20	0															0			7		11-12
12 52	26.585	99.9	67.1	18	1	0	Cb	100	0	Ac	150	0	1	Ci	230	1				1	7	.045	3		12-13
13 53	26.570	102.2	68.0	17	2															2			4		13-14
14 52	26.550	100.0	66.8	17	6															6			2		14-15
15 52	26.545	93.0	67.1	26	6	6	Cb	090	2	Ci	230	6								7	7	.040	10		15-16
16 52	26.530	97.0	66.0	19	7															7			12		16-17
17 52	26.530	98.4	66.3	18	7															3			10		17-18
18 52	26.530	95.5	64.7	18	5	2	Cb	90	3	Ci	230	5								3	6	.015	7		18-19
19 52	26.530	88.0	65.1	30	3															2			5		19-20
20 52	26.540	85.6	63.4	29	2															1			.		20-21
21 52	26.540	82.2	62.0	32	0	0	Ci	230												0	1	.010	1		21-22
22 52	26.550	79.6	63.0	41	0															0			3		22-23
23 52	26.555	79.2	60.3	36	0															0			7		23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	80	73	X	X						X		
	0345	1	0	0	0	84	73		0								
	0948	2	0	0	0	95	72		0								
	1548	3	.02	0	0	104	89		1								
	2148	4	0	0	0	99	62		0								
	MID.	X	0	0	0	82	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.630	26.545	26.540
BAROGRAPH 64	26.605	26.630	26.540	26.540
BAR. CORR. 65	+.010	0	+.005	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	72	0.02	0	0	24	NE	1508					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1457	1545			
RW-	1457	1530			

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: 0509P @1 Sec./ 2342 @1 Sec./ ± Sec.

1252-1252 1353-1353 1552/2353

1852-1852

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

U.S. G.P.O. 1982-564-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 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)	OBS. INITIALS (15)
SA	0052	CLR	20			092	82	45	03	07		996	105	WRG
SA	0152	CLR	20			095	81	45	05	09		996		WRG
SA	0252	CLR	20			101	78	46	01	04		997		WRG
SA	0351	CLR	20			107	74	52	09	02		998	307 74 ~~20002~~ RADAT 39159	JD
SA	0452	CLR	20			111	73	50	32	02		999		JD
SA	0552	CLR	20			108	85	36	03	10		000		JD
SA	0652	CLR	20			106	88	39	01	06		000	107	JD
SA	0753	CLR	20			111	91	35	05	12		001		JD
SA	0852	CLR	20			108	94	35	02	10		000	MDT CU OMTNS SE	JD
SA	0953	CLR	20			106	98	37	01	09		999	802 1200 73	JD
SA	1052	CLR	20			104	99	38	36	04		998	TCU E AND SW MDT CU	/
													OMTNS SE	JD
SA	1152	CLR	20			092	102	37	35	04		996	TCU E SE AND SW	JD
SA	1253	CLR	20			082	104	34	18	03		993	CB E SE AND DSNT SW	/
													MOVMT UNK/ 720 1903	JD
SA	1352	100 SCT 250 SCT	20			074	104	30	23	06		991	CB E DSIPTD CB SE-SW	/
													MOVMT UNK	JD
SA	1450	100 SCT 250 SCT	20			073	107	33	13	09		991	CB SE-SW MOVMT UNK	JD
SA	1552	100 SCT 250 SCT	20			065	107	35	22	07		986	CB SE-SW LTG MOVMT/	/
													715 1302 08 RADAT 54155	WRG
SA	1652	100 SCT	20			061	104	34	30	03		986	CB SE-SW DSIPTD	WRG
SA	1752	100 SCT	20			055	103	35	30	10G	18	985		WRG
SA	1852	100 SCT	20			055	96	36	30	03		985	608 1900	WRG
SA	1952	100 SCT	20			058	91	42	09	03		986		WRG
SA	2052	100 SCT	20			064	87	41	08	04		987		WRG
SA	2152	CLR	20			067	84	40	09	06		988	210 1400 08	WRG
SA	2252	CLR	20			067	82	44	10	04		988		WRG
SA	2352	CLR	20			068	81	42	10	06		988		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 4

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	26.555	81.7	60.0	28	0															0	1	.015	7		00-01
01 52	26.560	81.3	59.9	28	0															0			9		01-02
02 52	26.570	78.4	59.1	32	0															0			4		02-03
03 51	26.575	73.9	60.3	46	0															0	3	.020	2		03-04
04 52	26.590	73.3	59.1	44	0															0			2		04-05
05 52	26.595	84.7	57.9	18	0															0			10		05-06
06 52	26.595	88.1	59.9	18	0															0	1	.020	6		06-07
07 53	26.600	90.8	59.7	14	0															0			12		07-08
08 52	26.595	94.1	61.0	13	0															0			10		08-09
09 53	26.590	97.5	62.5	12	0	0	Cu	100												0	8	.005	9		09-10
10 52	26.580	98.6	63.2	12	0															0			4		10-11
11 52	26.555	101.8	63.9	11	0															0			4		11-12
12 53	26.530	104.3	64.1	9	0	0	Cb	100	0	Ci	250	0								0	7	.060	3		12-13
13 52	26.510	104.0	62.9	8	1															1			6		13-14
14 50	26.505	106.6	64.5	8	2															2			1		14-15
15 52	26.485	107.2	63.2	9	4	4	CB	100	0	Ci	250	4								4	7	.045	1		15-16
16 52	26.465	104.0	64.0	9	3															3			3		16-17
17 52	26.460	103.0	63.6	10	3															3			10		17-18
18 52	26.460	98.3	62.5	11	3	3	Sc	100												3	6	.025	3		18-19
19 52	26.465	91.3	62.2	18	2															2			3		19-20
20 52	26.480	87.0	60.2	20	1															1			4		20-21
21 52	26.490	84.0	58.8	21	0	0	Sc	100												0	2	.030	6		21-22
22 52	26.490	82.1	59.7	26	0															0			4		22-23
23 52	26.490	81.3	58.4	24	0															0			6		23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		82	74										
	0347	1	0	0	0	82	74		0								
	0950	2	0	0	0	98	73		0								
	1548	3	0	0	0	108	98		0								
	2148	4	0	0	0	107	84		0								
	MID.		0	0	0	84	81										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.590	26.485	26.490
BAROGRAPH 64	26.570	26.590	26.485	26.485
BAR. CORR. 65	+.005	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	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
108	73	0	0	0	14	NW	1741					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: 0522P ±1 Sec./ 2255 ±1 Sec./ ± Sec.

0351P/2000Z/0508P

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 5

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)	CD. INDICATORS (15)
SA	0052	CLR	20			067	82	40	11	04		988	400	WRC
SA	0152	CLR	20			066	83	38	08	04		988		WRC
SA	0252	CLR	20			067	77	42	31	04		988		WRC
SA	0353	CLR	20			068	82	34	02	06		990	303 77 RADAT 52153	EP
SA	0452	CLR	20			074	80	29	07	09		991		EP
SA	0551	CLR	20			078	86	31	06	06		992		EP
SA	0655	CLR	20			081	90	29	05	09		993	110 1100	EP
SA	0751	CLR	20			082	93	36	03	04		993		EP
SA	0855	CLR	20			079	95	34	02	08		992	CU SE	EP
SA	0954	CLR	20			071	100	29	13	08		990	CB SE/810 1900 77	EP
SA	1053	100 SCT	20			064	105	33	14	09		988	CB NW SE	EP
SA	1152	100 SCT 150 SCT 250 SCT	20			059	103	37	09	03		986	CB SW	EP
SA	1255	100 SCT E150 BKN 250 BKN	20			051	103	37	10	11		984	CB SW N/817 1931	EP
SA	1355	100 SCT E150 BKN 250 BKN	20			044	105	31	10	13		982	CB SW DSIPTD	EP
SA	1452	100 SCT E150 BKN 250 BKN	20			038	102	34	19	12		980	VIRGA SW	EP
SA	1555	100 SCT E250 BKN	20			038	102	34	23	18 G22		981	512 1101 07 RADAT 54154	CRD
SA	1653	100 SCT E250 BKN	20			038	99	33	19	15		980		CRD
SA	1752	100 SCT E250 BKN	20			032	100	32	24	11		979		CRD
SA	1851	100 SCT E250 BKN	20			032	96	29	23	04		979	605 1101	CRD
SA	1957	100 SCT 250 SCT	20			038	91	34	01	04		981		CRD
SA	2054	250 SCT	20			045	90	34	24	07		982		CRD
SA	2157	250 SCT	20			053	86	37	02	04		984	217 1001 07	CRD
SA	2255	250 SCT	20			048	82	38	05	08		983		CRD
SA	2355	250 SCT	20			048	80	38	04	08		983		CRD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 5

To convert LST 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.
00 52	26.490	81.8	58.0	22	0															0	4	.000			00-01
01 52	26.490	83.2	58.0	20	0															0					01-02
02 52	26.490	77.0	56.9	28	0															0					02-03
03 53	26.500	81.7	56.2	18	0															0	3	.010			03-04
04 52	26.510	79.8	54.0	16	0															0					04-05
05 51	26.525	85.8	56.8	14	0															0					05-06
06 55	26.530	89.7	57.8	11	0	0	CU	100												0	1	.030			06-07
07 51	26.530	92.5	60.5	14	0															0					07-08
08 55	26.520	94.9	60.8	12	0															0					08-09
09 54	26.500	99.5	61.2	8	0	0	CB	100												0	8	.030			09-10
10 53	26.485	104.8	64.0	9	1															1					10-11
11 52	26.470	102.5	64.2	11	3															2					11-12
12 55	26.450	103.1	64.5	11	7	4	CB	100	2	AC	E150	6	2	CI	250	7				5	8	.050			12-13
13 55	26.430	105.2	63.6	8	6															5					13-14
14 52	26.410	102.2	63.2	9	7															6					14-15
15 55	26.415	102.4	63.3	9	7	5	CU	100	2	CI	E250	7								6	5	.035			15-16
16 53	26.410	99.0	62.1	10	7															6					16-17
17 52	26.400	99.5	62.0	10	7															6					17-18
18 51	26.400	96.3	60.2	9	6	2	CU	100	4	CI	E250	6								5	6	.015			18-19
19 57	26.415	91.2	59.5	14	5															4					19-20
20 54	26.430	90.2	59.2	14	4															3					20-21
21 57	26.450	86.3	58.6	17	2	2	CI	250												2	2	.050			21-22
22 55	26.440	81.7	57.3	21	1															1					22-23
23 55	26.440	80.3	56.9	22	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	83	77	X	X						X		
	0348	1	0	0	0	84	77		0								
	0949	2	0	0	0	100	80		0								
	1551	3	0	0	0	107	100		0								
	2154	4	0	0	0	102	85		0								
	MID.	X	0	0	0	86	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1554	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.500	26.415	26.450
BAROGRAPH 64	26.490	26.500	26.415	26.450
BAR. CORR. 65	+.010	* 0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'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
107	77	0	0	0	24	SW	1608					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: 0930P ±2 Sec./ 1600P ±2 Sec./ ± Sec.

* BAROGRAPH CHANGED RESET TO 0 COR

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 06 JUL 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORT INITIALS (15)
SA	0053	CLR	20			049	79	40	06	07		983	603	CRD
SA	0151	CLR	20			044	83	37	03	04		982		CRD
SA	0250	250 SCT	20			046	78	38	04	03		982		CRD
SA	0352	250 SCT	20			050	79	37	12	07		983	302 1401 78 RAPAT 38152	EP
SA	0453	100 SCT 250 - SCT	20			056	75	40	10	05		984		EP
SA	0556	100 SCT 250 - SCT	20			060	81	38	33	03		986		EP
SA	0653	250 - SCT	20			060	86	41	26	03		986	108 1101	EP
SA	0751	100 SCT 250 SCT	20			060	91	41	00	00		986		EP
SA	0854	100 SCT 250 - SCT	20			059	97	38	21	06		987		EP
SA	0953	100 SCT 250 SCT	20			053	100	35	22	10		985	805 1201 74	EP
SA	1053	100 SCT 250 - SCT	20			051	104	37	21	10		984	CB E TCU ALQDS	EP
SA	1153	100 SCT 250 SCT	20			048	103	34	25	11		983	CB NE TCU ALQDS	EP
SA	1253	100 SCT 250 SCT	20			041	104	30	27	11		981	CB N-E/812 1901	EP
SA	1352	100 SCT 250 SCT	20			032	104	32	17	10		979	CB OSIPTO TCU ALQDS	EP
SA	1450	100 SCT 250 - BKN	20			026	104	31	23	14		977	TCU E	EP
SA	1553	100 SCT 250 SCT	20			017	107	30	25	16 G 20		974	TCU NE/720 1201 08	CRD
													RAPAT 49154	
SA	1656	100 SCT 250 SCT	20			012	105	24	25	11		972	TCU N-NE	CRD
SA	1755	100 SCT 250 - BKN	20			018	100	33	22	13 G 22		974	TCU NE	CRD
SA	1850	100 SCT 250 SCT	20			022	98	32	22	14		975	TCU N/303 1201	CRD
SA	1956	250 SCT	20			028	95	34	21	12		977		CRD
SA	2052	250 SCT	20			031	94	33	22	15		979		CRD
SA	2153	250 SCT	20			032	93	34	21	17 G 23		980	214 1001 08	CRD
SA	2254	250 SCT	20			038	92	35	19	17		981		CRD
SA	2351	250 SCT	20			035	91	36	24	10		981		CRD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 06 JUL 1984

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	26.440	79.4	57.0	24	0															0	6	.010			00-01
01 51	26.430	88.0	57.6	20	0															0					01-02
02 50	26.430	77.7	55.8	24	1															1					02-03
03 52	26.445	78.6	55.8	22	1	0	Sc	100	1	Ci	250	1								1	3	.005			03-04
04 53	26.450	75.3	55.5	28	3															1					04-05
05 56	26.470	81.0	57.2	22	3															1					05-06
06 53	26.470	85.5	59.8	21	3	0	Cu	100	3	Ci	250	3								0	1	.025			06-07
07 51	26.470	91.0	61.8	18	1															1					07-08
08 54	26.470	97.2	62.7	13	4															2					08-09
09 53	26.455	100.2	63.0	11	1	1	Cu	100	0	Ci	250	1								1	8	.015			09-10
10 53	26.450	103.8	64.6	10	3															1					10-11
11 53	26.440	102.8	63.4	9	3															2					11-12
12 53	26.420	104.0	63.0	8	4	3	Cb	100	1	Ci	250	4								3	8	.035			12-13
13 52	26.400	103.5	63.2	8	4															4					13-14
14 50	26.380	103.7	63.2	8	6															2					14-15
15 53	26.360	106.5	63.7	7	5	3	Cu	100	2	Ci	250	5								4	7	.060			15-16
16 56	26.340	105.0	62.0	6	5															4					16-17
17 55	26.360	99.9	62.3	10	8															4					17-18
18 50	26.370	97.6	61.2	10	5	1	Cu	100	4	Ci	250	5								3	3	.010			18-19
19 56	26.385	94.7	60.7	12	3															2					19-20
20 52	26.400	93.8	60.3	12	1															1					20-21
21 53	26.410	92.8	60.1	12	5	5	Ci	250												3	2	.040			21-22
22 54	26.420	91.6	60.0	14	5															3					22-23
23 51	26.415	90.7	60.0	15	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 0347		0	0		83	78										
	0347	1	0	0	0	86	78		0								
	0949	2	0	0	0	100	74		0								
	1550	3	0	0	0	108	100		0								
	2148	4	0	0	0	107	93		0								
	MID.		0	0	0	93	89										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.445	26.455	26.360	26.410
BAROGRAPH 64	26.435	26.450	26.360	26.410
BAR. CORR. 65	+.010	+.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
108	74	0	0	0	32	S	1728					4	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: 0900 ±2 Sec./ 1800P ±2 Sec./ ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 07 JUL 1984

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)	(14) (15)
SA	0053	250 SCT	20			037	90	36	18	08		981	003 1001	CRD
SA	0152	250-BKN	20			043	89	34	06	06		983		CRD
SA	0254	250-BKN	20			050	83	40	24	06		984		CRD
SA	0352	CLR	20			049	83	44	22	13		984	110 110182 RADAT 38/49	EP
SA	0450	CLR	20			059	80	46	24	12		986		EP
SA	0550	CLR	20			063	85	49	23	10		987		EP
SA	0652	CLR	20			065	89	51	27	12		988	112	EP
SA	0750	CLR	20			066	92	48	19	13		988		EP
SA	0851	CLR	20			066	94	46	21	13		988		EP
SA	0952	CLR	20			066	95	46	24	15 G23		988	102 1100 80	EP
SA	1053	CLR	20			062	97	46	24	16 G24		987		EP
SA	1154	CLR	20			057	99	48	23	13 G24		986	TCU SE	EP
SA	1252	100 SCT	20			049	100	42	18	12 G20		984	~~814~~ TCU SE/814 1200	EP
SA	1352	100 SCT	20			045	103	42	19	13		983	CB NE-SE	EP
SA	1450	100 SCT	20			043	104	38	24	14		982	CB NE-SE	EP
SA	1556	100 SCT	20			036	102	40	18	15		980	CB ESE/714 1900 05	CRD
													RADAT 39/52	
SA	1655	100 SCT	20			033	101	42	25	13		976	TCU NE-E	CRD
SA	1756	100 SCT 250 SCT	20			030	98	45	18	15		978	CB E	CRD
SA	1854	250 SCT	20			033	95	46	19	14 G22		979	FEW CU AC/603 1171	CRD
SA	1952	250 SCT	20			040	93	50	22	11		981		CRD
SA	2054	250 SCT	20			052	91	52	21	16		984		CRD
SA	2153	CLR	20			056	90	52	21	16 G24		985	220 05	CRD
SA	2250	CLR	20			061	89	51	20	13		986		CRD
SA	2351	CLR	20			057	88	53	23	10		986		CRD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 07 JUL 1984

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	26.420	90.2	59.9	15	1	1	Ci	250												1	0	.010			00-01
01 52	26.435	88.7	58.8	15	8															3					01-02
02 54	26.450	83.2	58.7	22	6															3					02-03
03 52	26.450	82.8	60.1	26	0	0	Cu	100	0	Ci	250	0								0	1	.030			03-04
04 50	26.470	80.0	59.7	30	0															0					04-05
05 50	26.480	85.0	62.6	29	0															0					05-06
06 52	26.485	88.5	64.7	28	0															0	1	.035			06-07
07 50	26.490	92.2	64.8	22	0															0					07-08
08 51	26.490	94.2	65.0	19	0															0					08-09
09 52	26.490	95.0	64.8	19	0	0	Cu	100												0	1	.005			09-10
10 53	26.480	96.8	65.4	18	0															0					10-11
11 54	26.470	99.1	66.9	18	0															0					11-12
12 52	26.450	100.2	64.9	14	1	1	Cu	100												1	8	.040			12-13
13 52	26.440	102.5	65.7	13	1															1					13-14
14 50	26.430	103.8	65.0	11	1															1					14-15
15 56	26.410	101.8	64.8	12	1	1	Cb	100												1	7	.040			15-16
16 55	26.400	101.3	65.2	13	1															1					16-17
17 56	26.390	98.3	65.3	16	2															2					17-18
18 54	26.400	95.2	64.8	19	2	0	Cu	100	0	Ac	160	0	2	Ci	250	2				2	6	.010			18-19
19 52	26.420	92.6	65.7	24	2															2					19-20
20 54	26.450	90.5	65.8	27	1															1					20-21
21 53	26.460	89.5	65.5	28	0															0	2	.060			21-22
22 50	26.470	88.8	64.8	28	0															0					22-23
23 51	26.465	87.7	65.3	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 0347	X	0	0	X	91	82	X	X						X		
	0347	1	0	0	0	93	82		0								
	0948	2	0	0	0	95	80		0								
	1550	3	0	0	0	105	95		0								
	2147	4	0	0	0	102	90		0								
	MID.	X	0	0	0	90	88	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1554	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.490	26.410	26.460
BAROGRAPH 64	26.440	26.480	26.415	26.450
BAR. CORR. 65	+.010	+.010	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	80	0	0	0	35	SW	1254					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: 1000 ± 1 Sec. / 1900P ± 1 Sec. / ± Sec.

1252/1252

1655/1655

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 08 JUL 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0052	250-SCT	20			052	84	50	06	07		984	803 1001	CRD
SA	0152	CLR	20			054	82	50	01	05		985		CRD
SA	0251	CLR	20			055	80	50	01	07		985		CRD
SA	0353	250 SCT	20			064	79	50	00	00		987	310 1071 79 RADAT 48155	SH
SA	0451	250 SCT	20			071	77	53	08	03		989	FEW AC	SH
SA	0552	250-SCT	20			071	88	43	05	06		991	FEW AC	SH
SA	0654	CLR	20			078	86	51	31	05		992	214 1001	SH
SA	0753	CLR	20			080	89	51	02	04		993	FEW CI	SH
SA	0851	CLR	20			078	91	48	18	05		992		SH
SA	0953	250-SCT	20			079	96	38	20	14		992	000 1101 76	SH
SA	1051	250-SCT	20			078	97	39	19	16 G29		992	CU E	SH
SA	1153	90 SCT 250-SCT	20			074	98	38	23	15 G24		991	TCU SE	SH
SA	1254	90 SCT 250 SCT	20			071	98	35	19	14 G24		990	CB DSNT SE-S / 807 1901	SH
SA	1350	90 SCT 250 SCT	20			066	99	36	19	13 G27		988	CB DSNT SE TCU E	SH
SA	1452	90 SCT 250-SCT	20			061	100	35	21	18 G26		986	CB DSNT E AND SE PK WND 194 2/25	SH
	—		—			—		—				—		—
SA	1552	90 SCT 250-SCT	20			054	98	40	20	17 G24		984	717 1301 02 RADAT 45154	HS
SA	1651	90 SCT 250-SCT	20			046	99	42	18	16 G26		982	CB SE-S DSIPTG	HS
SA	1750	90 SCT 250-SCT	20			046	95	52	18	11 G24		983	CB SE-S DSIPTG	HS
SA	1850	250 SCT	20			050	91	54	19	10 G21		983	CB SE-S DSIPTD CU SE	/
	—		—			—		—				—	503 1102	HS
SA	1950	250-SCT	20			050	89	53	18	14		983		HS
SA	2050	250-SCT	20			057	89	52	19	12		986		HS
SA	2156	250-SCT	20			059	88	49	22	13		987	310 1001 02	HS
SA	2250	CLR	20			061	87	51	22	12		987		HS
SA	2351	CLR	20			060	86	54	22	13		987		HS

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 08 JUL 1984

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	26.450	84.1	63.0	31	2	2	Cl	250												1	8	.010			00-01
01 52	26.455	81.8	62.2	34	0															0					01-02
02 51	26.460	80.4	61.4	34	0															0					02-03
03 53	26.480	79.1	61.2	36	1	0	AC	170	1	Cl	250	1								1	3	.030			03-04
04 51	26.495	77.1	62.0	44	3															2					04-05
05 52	26.505	88.3	61.5	21	4															2					05-06
06 54	26.520	85.6	63.8	30	0	0	Cl	250												0	2	.040			06-07
07 53	26.525	89.0	64.7	26	0															0					07-08
08 51	26.520	91.2	64.4	23	0															0					08-09
09 53	26.520	95.6	62.2	13	2	0	Cu	100	2	Cl	250	2								0	0	.000			09-10
10 51	26.520	97.0	63.0	14	3															1					10-11
11 53	26.510	98.2	63.0	12	3															1					11-12
12 54	26.500	97.6	62.1	11	3	1	CB	90	2	Cl	250	3								3	8	.020			12-13
13 50	26.485	99.4	63.0	11	3															2					13-14
14 52	26.470	99.6	62.8	11	4															1					14-15
15 52	26.450	98.4	63.7	13	2	1	CB	90	1	Cl	250	2								1	7	.050			15-16
16 51	26.425	98.5	64.6	15	2															1					16-17
17 50	26.435	94.8	67.2	24	2															1					17-18
18 50	26.440	91.2	67.0	29	2	0	Cu	90	2	Cl	250	2								2	5	.010			18-19
19 50	26.440	89.1	65.8	29	4															2					19-20
20 50	26.460	88.6	65.0	28	4															1					20-21
21 50	26.470	88.0	63.8	27	2	2	Cl	250												0	3	.030			21-22
22 50	26.475	86.6	64.1	30	0															0					22-23
23 51	26.470	85.6	65.0	34	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	88	79	X	X						X		
	0346	1	0	0	0	90	79		0								
	0945	2	0	0	0	96	76		0								
	1548	3	0	0	0	102	96		0								
	2146	4	0	0	0	100	87		0								
	MID.	X	0	0	0	88	86	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.520	26.450	26.470
BAROGRAPH 64	26.470	26.505	26.440	26.460
BAR. CORR. 65	+.010	+.015	+.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
102	76	0	0	0	42	5	1405					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: 0452P ± Sec. 1953P ± Sec. ± Sec.

1350/ALT 988/1500

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

U.S. G.P.O. 1982-564-008/1124

MF 1-10A
(1-82)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: 9 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)	ALTIM. EYE SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SECTION INITIALS (15)
SA	0050	CLR	20			066	84	51	20	14		986	803	HS
SA	0150	CLR	20			061	81	50	12	07		987		HS
SA	0250	CLR	20			062	78	48	06	08		987		HS
SA	0351	CLR	20			069	74	49	01	04		987	207 1001 73 RADAT 30157	SH
SA	0451	CLR	20			075	73	48	04	05		989		SH
SA	0550	CLR	20			079	78	52	07	04		991		SH
SA	0653	CLR	20			088	81	51	27	06		993	217	SH
SA	0750	CLR	20			092	85	50	35	05		995		SH
SA	0853	CLR	20			087	88	42	08	05		994		SH
SA	0952	CLR	20			079	93	30	21	14	G26	992	803 1100 72	SH
SA	1050	CLR	20			080	94	32	20	16	G26	992		SH
SA	1152	CLR	20			076	95	31	22	20	G28	992	CU NE	SH
SA	1254	CLR	20			071	97	31	19	18	G27	990	807 1100	SH
SA	1350	CLR	20			066	97	27	21	13	G24	987		SH
SA	1452	CLR	20			063	97	26	22	10		986		SH
SA	1550	CLR	20			058	96	24	17	11	G21	984	717 99 RADAT 20159	HS
SA	1650	CLR	20			054	97	22	20	12	G30	983		HS
SA	1754	CLR	20			052	96	22	18	14		983		HS
SA	1851	CLR	20			054	93	20	19	11		984	502	HS
SA	1950	CLR	20			060	89	21	19	09		986		HS
SA	2051	CLR	20			064	85	20	33	04		987		HS
SA	2150	CLR	20			068	80	18	03	08		988	212 99	HS
SA	2250	CLR	20			074	81	20	12	07		990		HS
SA	2350	CLR	20			079	77	16	06	07		991		HS

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 9 JUL 1984

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	26.460	84.3	63.4	32	0															0	8	.010			00-01
01 50	26.470	80.6	61.8	35	0															0					01-02
02 50	26.470	78.0	60.0	35	0															0					02-03
03 51	26.480	73.5	58.8	42	0	0	CI	250												0	2	.020			03-04
04 51	26.495	72.6	58.1	42	0															0					04-05
05 50	26.510	77.7	61.6	41	0															0					05-06
06 53	26.530	81.3	62.1	34	0															0	2	.050			06-07
07 50	26.545	85.2	63.0	29	0															0					07-08
08 53	26.535	88.0	61.0	20	0															0					08-09
09 52	26.520	93.0	59.1	11	0	0	CU	90												0	8	.010			09-10
10 50	26.520	93.8	60.0	11	0															0					10-11
11 52	26.515	95.0	60.1	10	0															0					11-12
12 54	26.500	96.6	60.8	10	0	0	CU	90												0	8	.020			12-13
13 50	26.480	97.2	59.9	8	0															0					13-14
14 52	26.470	97.3	59.7	8	0															0					14-15
15 50	26.450	96.0	59.0	8	0															0	7	.050			15-16
16 50	26.440	97.0	58.9	7	0															0					16-17
17 54	26.440	96.2	58.6	7	0															0					17-18
18 51	26.445	92.7	57.0	7	0															0	5	.005			18-19
19 50	26.460	88.9	55.8	8	0															0					19-20
20 51	26.470	85.3	54.2	9	0															0					20-21
21 50	26.480	80.0	51.6	10	0															0	2	.035			21-22
22 50	26.500	81.2	52.5	10	0															0					22-23
23 50	26.505	77.0	50.1	10	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		86	73										
	0346	1	0	0	0	88	73		0								
	0947	2	0	0	0	93	72		0								
	1546	3	0	0	0	99	93		0								
	2146	4	0	0	0	98	79		0								
	MID.		0	0	0	81	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.520	26.450	26.480
BAROGRAPH 64	26.470	26.520	26.450	26.475
BAR. CORR. 65	+.010	±0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
99	72	0	0	0	30	S	1647					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: 0654P ±1 Sec. / 1953P ±1 Sec. / ± Sec.

BAROGRAM CHANGED AND SET TO ZERO COR. 0955P

MF 1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 10 JUL 1984

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			079	74	18	05	08		991	108	HS
SA	0150	CLR	20			079	76	18	02	06		991		HS
SA	0250	CLR	20			086	75	18	04	11		993		HS
SA	0354	CLR	20			096	72	20	16	03		995	314 72 RADAT 20151	SH
SA	0450	CLR	20			098	71	24	10	06		995		SH
SA	0552	CLR	20			103	75	21	34	07		997		SH
SA	0654	CLR	20			107	81	21	18	04		999	214	SH
SA	0751	CLR	20			110	87	22	25	03		000	CU SE	SH
SA	0851	CLR	20			112	90	24	10	06		001	FEW CU CI	SH
SA	0952	CLR	20			109	94	24	13	05		999	002 1100 70	SH
SA	1051	CLR	20			104	95	26	07	10		998	CU S	SH
SA	1151	CLR	20			102	96	26	35	05		997		SH
SA	1254	100 SCT	20			092	98	38	20	06		994	717 1100	SH
SA	1352	100 SCT	20			083	99	38	27	08		992		SH
SA	1450	100 SCT	20			075	100	42	26	12		990		SH
SA	1550	CLR	20			072	100	42	22	10	G21	989	TCU TPS DSNT SE/ 617	
—													1200 02 RADAT 20152	HS
SA	1650	CLR	20			068	99	38	23	13		987	TCU TPS DSNT SE	HS
SA	1750	CLR	20			066	97	36	25	12		987	CU SE	HS
SA	1851	CLR	20			069	94	33	23	10		988	502 1101	HS
SA	1951	CLR	20			074	90	29	23	08		990		HS
SA	2050	CLR	20			086	84	30	05	07		993		HS
SA	2150	CLR	20			089	81	28	02	06		994	119 02	HS
SA	2250	CLR	20			090	79	28	03	07		994		HS
SA	2350	CLR	20			089	80	29	09	05		994		HS

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 10 JUL 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUM MATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM MATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	3 HR. CHANGE (Ins.) 38	SUN SHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.505	73.8	49.0	12	0															0	1	.025			00-01
01 50	26.510	75.7	49.9	11	0															0					01-02
02 50	26.525	74.6	49.4	12	0															0					02-03
03 54	26.545	72.3	48.8	14	0															0	3	.040			03-04
04 50	26.550	71.0	49.0	17	0															0					04-05
05 52	26.570	75.0	50.2	13	0															0					05-06
06 54	26.585	81.1	52.7	11	0															0	2	.040			06-07
07 51	26.595	87.1	55.3	9	0															0					07-08
08 51	26.600	90.2	56.8	9	0															0					08-09
09 54	26.590	94.2	58.4	8	0	0	Cu	90												0	0	.005			09-10
10 51	26.580	95.0	59.0	8	0															0					10-11
11 51	26.570	96.0	59.3	8	0															0					11-12
12 54	26.540	98.2	63.0	12	1	1	Cu	100												1	7	.050			12-13
13 52	26.520	98.6	63.3	12	1															1					13-14
14 50	26.500	99.6	64.7	14	2															2					14-15
15 50	26.490	100.2	65.0	14	0	0	Cu	100												0	6	.050			15-16
16 50	26.475	98.8	63.4	12	0															0					16-17
17 50	26.470	97.2	62.3	12	0															0					17-18
18 51	26.485	94.2	60.3	12	0	0	Cu	100	0	Ci	250	0								0	5	.005			18-19
19 51	26.500	90.2	58.0	11	0															0					19-20
20 50	26.530	84.3	56.0	14	0															0					20-21
21 50	26.540	81.2	54.3	14	0															0	1	.055			21-22
22 50	26.540	79.0	53.4	15	0															0					22-23
23 50	26.540	79.8	54.0	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 0348		0	0		77	72										
	0348	1	0	0	0	81	72		0								
	0947	2	0	0	0	94	70		0								
	1546	3	0	0	0	102	94		0								
	2146	4	0	0	0	100	80		0								
	MID.		0	0	0	81	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.590	26.490	26.540
BAROGRAPH 64	26.540	26.585	26.490	26.530
BAR. CORR. 65	+.005	+.005	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	70	0	0	0	24	SW	1535					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: 0553P ±1 Sec./ 1953P ±1 Sec./ ± Sec.

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

U.S. G.P.O. 1982-564-008/1124

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 11 JUL 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			089	78	28	03	05		994	400	HS
SA	0150	CLR	20			088	77	29	11	03		994		HS
SA	0250	CLR	20			090	74	33	05	03		994		HS
SA	0352	CLR	20			096	71	24	18	03		995	303 70 RADAT 20161	CDB
SA	0441	CLR	20			101	70	25	09	03		996		CDB
SA	0548	CLR	20			102	77	29	10	02		997		CDB
SA	0653	CLR	20			110	83	28	18	01		000	315	CDB
SA	0754	CLR	20			114	90	27	24	06		002		CDB
SA	0853	CLR	20			113	92	28	22	06		001		CDB
SA	0948	250 - SCT	20			111	95	30	22	06		001	002 1001 69	CDB
SA	1051	250 - SCT	20			105	97	29	23	10 G24		998	FEW CU SE	CDB
SA	1154	250 - SCT	20			100	98	33	22	10		997	FEW CU SE	CDB
SA	1245	250 - SCT	20			~~099~~ 093	103	35	22	12 G19		995	717 1101	CDB
SA	1353	90 SCT 250 SCT	20			080	102	38	25	10 G22		992		CDB
SA	1457	90 SCT 250 - BKN	20			074	102	39	18	14 G23		990		CDB
SA	1553	250 - BKN	20			068	102	38	21	13		988	CU SE 724 1101 05	
													RADAT 37158	HS
SA	1650	250 - SCT	20			065	102	41	22	12		987	CU SE	HS
SA	1750	250 - SCT	20			063	99	39	21	12		987	TCU SE	HS
SA	1850	250 - SCT	20			061	97	38	22	08		987	CB RWU E 603 1301	HS
SA	1950	CLR	20			064	92	39	17	07		988	CB EDSIPTD FEW CU	HS
SA	2050	CLR	20			071	90	~~46~~ 46	11	08		990		HS
SA	2153	CLR	20			078	89	48	35	06		992	217 1400 05	HS
SA	2254	250 - SCT	20			083	86	51	11	13		993		HS
SA	2352	250 SCT	20			087	81	50	32	09		994		HS

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 11 JUL 1984

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	26.540	78.0	53.0	16	0															0	4	.000			00-01
01 50	26.540	76.9	52.9	17	0															0					01-02
02 50	26.540	74.1	52.8	22	0															0					02-03
03 52	26.550	71.2	49.1	17	0															0	3	.010			03-04
04 41	26.560	70.3	49.0	18	0															0					04-05
05 48	26.570	76.6	52.6	17	0															0					05-06
06 53	26.585	83.1	55.0	13	0															0	3	.045			06-07
07 54	26.610	90.0	57.5	11	0															0					07-08
08 53	26.600	91.6	58.1	10	0															0					08-09
09 48	26.600	95.3	60.1	10	3	3	ci	250												0	0	.005			09-10
10 51	26.580	96.9	60.3	9	1															0					10-11
11 54	26.570	98.4	61.8	10	1															0					11-12
12 48	26.550	102.6	63.8	10	1	0	cu	90	1	ci	250	1								0	7	.050			12-13
13 53	26.520	102.2	64.4	11	3															2					13-14
14 52	26.500	102.4	64.8	12	6															3					14-15
15 53	26.480	101.6	64.3	11	7	0	Cu	90	7	Ci	250	7								3	7	.070			15-16
16 50	26.470	101.9	65.1	12	5															1					16-17
17 50	26.470	98.9	63.7	13	3															1					17-18
18 50	26.470	96.5	62.4	13	2	0	CB	90	2	Ci	250	2								0	6	.010			18-19
19 50	26.480	92.4	61.3	15	0															0					19-20
20 50	26.500	89.7	63.0	22	0															0					20-21
21 53	26.520	88.6	63.4	25	0	0	Sc	90												0	2	.050			21-22
22 54	26.530	86.0	64.0	30	2															1					22-23
23 52	26.540	81.0	61.8	34	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 0347	X	0	0	X	80	70	X	X						X		
	0347	1	0	0	0	81	70		0								
	0942	2	0	0	0	96	69		0								
	1549	3	0	0	0	105	95		0								
	2149	4	0	0	0	102	86		0								
	MID.	X	0	0	0	89	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0947	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.600	26.480	26.520
BAROGRAPH 64	26.540	26.590	26.475	26.500
BAR. CORR. 65	+.010	+.010	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	69	0	0	0	27	SW	1609					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: 1156 P b/ Sec./ 1952 P b/ Sec./ ± Sec.

1245/1245 2050/2050

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **12 JUL 1984**

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 INITIALS (15)
SA	0050	250 - SCT	20			078	83	49	07	07		992	000 1001	HS
SA	0150	250 - SCT	20			079	81	49	06	05		992		HS
SA	0251	160 SCT 250 SCT	20			075	81	49	05	06		991		HS
SA	0353	170 SCT 280 SCT	20			083	81	48	04	08		993	203 1032 80 RADAT 42154	OOZ
SA	0451	100 SCT E170 BKN 280 BKN	20			087	82	49	10	05		994	VIRGA SW	OOZ
SA	0553	90 SCT E170 BKN 280 BKN	20			091	81	49	10	12		995	VIRGA NE	OOZ
SA	0650	E90 BKN 170 BKN 280 BKN	20			091	83	50	10	10		995	107 1278	OOZ
SA	0755	E90 BKN 170 BKN 280 OVC	20			095	87	53	E11	12		996	POWER FAILURE 42	OOZ
SA	0854	E90 BKN 170 BKN 280 BKN	20			093	88	50	10	12		995	POWER RESTORED 49	OOZ
SA	0955	90 SCT E170 OVC	20			096	88	51	10	10		996	203 127/ 80	OOZ
SA	1056	90 SCT E150 OVC	20			094	95	46	09	10		996	BINOVC	OOZ
SA	1153	90 SCT E150 OVC	20			090	93	46	13	06		994		OOZ
SA	1255	90 SCT E150 BKN 250 BKN	20			081	95	46	11	07		992	814 1276	OOZ
SA	1356	90 SCT 150 SCT E250 BKN	20			070	95	45	08	06		988		OOZ
SA	1454	90 SCT 150 SCT 250 - BKN	20			063	97	44	26	06		986		OOZ
SA	1552	90 SCT 250 - SCT	20			049	97	45	21	11		983	727 1302 94 RADAT 52154	WRC
SA	1652	100 SCT 250 SCT	20			046	95	46	19	07		982	CB SE AND NW MOVG NW	WRC
SA	1752	100 SCT E 180 BKN	20			052	94	46	24	10		983	CB SE AND NW MOVG NW	WRC
SA	1852	100 SCT E180 BKN	20			053	91	47	20	11		983	CB NE THRU MOVG N CB SE	/
/	/												DSIPTT 500 1360	WRC
SA	1952	100 SCT 180 SCT	20			059	88	47	21	06		985	CB NW THRU SE MOVG NW	/
													OCNL LTGIC DSNT E	WRC
SA	2052	100 SCT 180 SCT	20			065	87	46	36	07		987	CB NW THRU NE MOVING NW	/
													FQT LTGIC	WRC
RS	2152	E100 BKN 180 BKN	20		TRW-	074	86	47	01	20	G39	990	TB 48 RB50 TOWER	/
													MOVG S FQT LTGICCG	/
SP	2253	E100 BKN 180 BKN	20										22000 1360 99	WRC
SP	2233	E100 BKN 180 BKN	20						03	16	G26	990	RE03 TE16 CB SW	WRC
													MOVG S FQT LTGIC RWSW	WRC
SA	2352	100 SCT E180 BKN	20			084	82	52	03	20	G30	993	RE03 TE16 CB SW THRU	/
/	/												N MOVG SW FQT LTGICCG	/
/	/												RWOW	WRC
SA	2352	100 SCT 180 SCT 250 - BKN	20			092	80	52	04	11		994	CB DSNT SW THRU N MOVG	/
													SW OCNL LTGIC	WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_X$hVV Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 12 JUL 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.520	83.0	62.2	31	4	4	Ci	250												1	0	.000			00-01
01 50	26.520	80.9	61.3	33	4															1					01-02
02 51	26.510	81.1	61.4	33	5															3					02-03
03 53	26.530	81.3	61.2	32	5	2	AC	170	3	ci	280	5								5	2	.010			03-04
04 51	26.540	81.5	61.5	32	8															7					04-05
05 53	26.550	81.3	61.6	33	9															8					05-06
06 50	26.550	82.8	62.4	32	9	7	cu	E90	1	AC	170	8	1	cs	280	9				9	1	.020			06-07
07 55	26.560	86.8	65.0	31	10															10					07-08
08 54	26.550	87.8	64.0	27	9															9					08-09
09 55	26.560	88.1	64.4	28	10	5	cu	90	5	AC	E170	10								10	2	.010			09-10
10 56	26.560	95.3	65.0	19	10															10					10-11
11 53	26.540	93.4	64.2	20	10															10					11-12
12 55	26.520	95.3	65.0	19	9	2	cu	90	4	AC	E150	6	3	ci	250	9				8	8	.040			12-13
13 56	26.490	95.0	64.4	18	8															7					13-14
14 54	26.470	97.1	64.7	16	7															3					14-15
15 52	26.440	97.2	65.0	17	4	1	CB	90	3	ci	250	4								2	7	.030			15-16
16 52	26.430	95.2	64.6	19	5															3					16-17
17 52	26.440	93.6	64.4	20	6															5					17-18
18 52	26.440	91.3	63.9	22	6	2	CB	800	4	AC	E180	6								5	5	.000			18-19
19 52	26.460	88.0	63.0	25	5															5					19-20
20 52	26.475	87.4	62.8	24	4															4					20-21
21 52	26.500	86.1	62.2	25	6	6	CB	E100	2	AC	180	6								6	2	.060			21-22
22 52	26.530	81.8	62.9	36	6															6					22-23
23 52	26.540	80.0	62.3	34	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		83	80										
	0349	1	0	0	0	89	80		0								
	0950	2	0	0	0	90	81		0								
	1548	3	0	0	0	99	86		0								
	2148	4	T	0	0	97	86		0								
	MID.		T	0	0	96	80										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1550	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.560	26.440	26.530
BAROGRAPH 64	26.520	26.555	26.435	26.565
BAR. CORR. 65	+.010	+.005	+.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	80	T	0	0	35	N	2159					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	2148	2216			
RW-	2150	2203			

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: 0655P 31 Sec./ 2350 45 Sec./ ± Sec.

0742P - ALL POWER FAILED

0849P - POWER RESTORED

2233/2233

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 13

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)	OR REMARKS OTHERWISE (15)
SA	0052	E100BKN 180BKN 250BKN	20			093	79	52	35	06		995	CB SW THRU N MOVG SW	/
													OCNL LTGIC 2 17001362	WRC
SA	0152	E100BKN 180BKN	20			096	75	54	31	12		995	CB S-W-N MOVG W	/
													OCNL LTGICCG	WRC
SA	0252	E100BKN 180BKN	20			097	75	54	34	02		995	CB SW THRU N MOVG E	
													OCNL LTGIC	WRC
SA	0355	60SCT E150 BKN	20			080	76	54	06	04		991	CB OVHD MOVG N 814001960	/
													75 RADAT 65148	008
SA	0455	60SCT 150SCT E250BKN	20			079	78	50	05	05		991	CB SE NW MOVT UNK	008
SA	0553	80SCT E150BKN 250BKN	20			089	75	52	23	06		993	CB NW MOVT UNK VIRGA S	008
SA	0654	80SCT E180BKN 250BKN	20			095	82	51	15	05		995	314 1965	008
SA	0755	80SCT E180BKN 250BKN	20			098	85	55	16	06		996		008
SA	0854	80SCT E180BKN 250BKN	20			095	86	56	21	07		996	TCU S	008
SA	0956	80SCT 180SCT 250-BKN	20			095	89	55	24	06		996	TCU S 002 1268 74	008
SA	1050	80SCTE180BKN250BKN	20			096	89	55	28	05		995	TCU & VIRGA S	008
SA	1154	80SCT 180SCTE250BKN	20			088	92	54	20	08		993	CB S MOVT UNK TCU NE-SE	008
SA	1255	80SCT 180SCTE250BKN	20			081	92	54	21	05		991	CB S DSIPT 815 1266	008
SA	1356	80SCT 180SCT 250SCT	20			068	95	53	15	08 G 15		989	CB NE S MOVT UNK	008
~~SA~~ SP	1455	E60BKN	10		T	065	96	41	09	12		986	TB45 OVHD MVG SW	008
SA	1552	E60BKN	20		T	064	91	54	06	07		985	TALRDS LTL MOUNT RWO	/
													PW 717 1300 74 R##AT 95153	WRC
SP	1652	60SCT 250SCT	20			054	96	52	27	03		984	TE30 MOVD E	WRC
SA	1752	60SCT E180BKN 250BKN	20			062	93	51	36	06		985	CB S LTL MOUNT TCU E	WRC
SA	1852	60SCTE180BKN 250BKN	20			073	86	49	01	25 G 35		988	CB ALRDS LTL MOUNTOCNL	/
													LTGCG NW. 308 1362	WRC
SP	1909	E60BKN 180BKN	20	~~F~~	T				02	20 G 30		990	TB05 SW LTL MOUNT	/
													FAT LTGICCG RWO S	WRC
SA	1952	E60BKN 180BKN	20	~~F~~	T	094	82	52	04	09 G 18		994	TB05 TALRDS LTL	/
													MOUNT FAT LTGICCG SE-SW RWO	WRC
SA	2052	E60OVC	15	~~F~~	TRW-	132	73	64	11	12		004	PRESRR RB01 TOVRD	/
													MOVG W FAT LTGICCG	WRC
SA	2152	E60OVC	10	~~F~~	TRW-	128	70	64	17	04		003	SW MOVG W OCNL LTGIC	/
													04613 13// 98	WRC
SP	2219	E60OVC	20						10	08		003	RE10 TE15 TMOVD W	WRC
SA	2252	E60OVC	20			127	73	61	09	04		003	RE10 TE15 TMOVD W	/
													RWO S-W	WRC
SA	2352	E60BKN	20			114	74	59	12	10		999		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 13

To convert LST to GMT ADD 4 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	26.550	79.3	62.2	39	9	8	CB	E100	1	AC	180	9	0	CI	250	9				9	2	.060			00-01
01 52	26.550	75.3	61.6	47	8															8					01-02
02 52	26.550	75.0	61.8	48	8															8					02-03
03 55	26.570	76.2	62.0	46	8	5	CB	60	3	AC	E150	8								8	8	.040			03-04
04 55	26.570	78.2	60.7	37	8															7					04-05
05 53	26.530	75.1	60.6	44	8															6					05-06
06 54	26.550	81.5	62.5	35	8	3	CB	80	4	AC	E180	7	1	CI	250	8				8	3	.040			06-07
07 55	26.560	84.8	65.4	36	8															7					07-08
08 54	26.555	86.3	66.6	36	8															6					08-09
09 56	26.555	89.0	66.8	32	8	2	CU	80	2	AC	180	4	4	CS	250	8				4	0	.005			09-10
10 50	26.550	89.3	67.0	32	9															8					10-11
11 54	26.530	91.5	67.2	29	6															6					11-12
12 55	26.510	91.8	67.0	28	6	2	CU	80	3	AC	180	5	1	CI	250	6				5	8	.045			12-13
13 56	26.475	95.0	67.6	25	5															5					13-14
14 55	26.470	96.1	63.3	15	6															6					14-15
15 52	26.460	90.5	66.7	29	6	6	CB	E60												6	7	.050			15-16
16 52	26.445	95.6	67.2	23	5															5					16-17
17 52	26.455	93.0	66.2	29	6															6					17-18
18 52	26.485	86.0	63.0	28	9	4	CB	60	3	AC	E180	7	2	CI	250	9				9	3	.025			18-19
19 52	26.540	81.9	63.0	36	9															8					19-20
20 52	26.630	72.5	66.9	76	10															10					20-21
21 52	26.620	70.2	66.0	81	10	10	CB	E80												10	0	.135			21-22
22 52	26.620	73.0	64.8	66	10															10					22-23
23 52	26.590	74.3	64.1	59	9															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 0350	X	0	0	X	80	75	X	X						X		
	0350	1	T	0	0	86	75		0								
	0952	2	0	0	0	90	74		0								
	1948	3	0	0	0	98	69		0								
	2148	4	0.13	0	0	96	70		1								
	MID.	X	T	0	0	76	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.555	26.460	26.620
BAROGRAPH 64	26.490	26.545	26.460	26.615
BAR. CORR. 65	+.020	+.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 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
98	69	0.13	0	0	35	N	1638					7	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1445	1630			
T	1905	2215			
RW-	2001	2210			

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: 1003P ±1 Sec. 2256P ±3 Sec. ± Sec.

1000 PST - CHANGED BAROGRAM

1050/1050 1455/1455

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 14

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	E 80 OUC	20			105	76	56	03	12		997	8170012//	WRG
SA	0152	E 80 BKN	20			102	75	57	07	10		997		WRG
SA	0252	E 80 BKN	20			107	76	57	07	08		998		WRG
SA	0351	70 SCT E 250 BKN	20			115	73	59	09	08		999	307 00 1760 69 20013 RADAT 96142	008
SA	0455	70 SCT 150 SCT E 250 BKN	20			123	74	58	05	02		003		008
SA	0555	70 SCT 150 SCT E 250 BKN	20			129	73	61	05	02		004		008
SA	0650	80 SCT 180 SCT E 250 BKN	20			135	76	59	05	05		005	117 1534	008
SA	0752	90 SCT 180 SCT E 250 BKN	20			144	78	58	21	02		007		008
SA	0855	90 SCT E 180 BKN 250 BKN	20			145	82	56	18	02		007		008
SA	0949	100 SCT E 180 BKN 300 BKN	20			150	84	55	13	07		008	210 1239 69	008
SA	1057	100 SCT E 180 BKN 300 BKN	20			147	87	55	14	06		008	TCU VIRGA S	008
SA	1151	100 SCT 180 SCT E 300 BKN	20			141	90	54	02	02		007	TCU VIRGA S	008
SA	1253	60 SCT 150 SCT E 250 BKN	20			132	91	52	14	07	G15	005	CB VIRGA S MOVG N 810 1966	008
SA	1354	60 SCT 150 SCT E 250 BKN	20			128	91	54	11	10	G15	004	CB VIRGA S MOVG N	008
SA	1451	60 SCT E 150 BKN 250 BKN	20			125	91	53	13	10		003	CB VIRGA S MOVG N	008
SA	1552	60 SCT E 150 BKN 250 BKN	20			127	89	53	15	10		003	607 1372 95 RADAT 90152	WRG
SA	1652	60 SCT E 150 BKN 250 BKN	20			127	88	54	14	07		003	CB DSNT NE LCL MOUMT	WRG
SA	1752	60 SCT E 150 BKN 250 OUC	20			127	88	55	26	06		003	CB DSNT NE LTL MOUMT	WRG
/	/												BINOUC SE	WRG
SA	1852	60 SCT E 150 BKN 250 BKN	20			130	87	56	26	06		004	CB DSNT NE LTL MOUMT	/
/	/												303 1362	WRG
SA	1952	60 SCT E 150 BKN	20			137	84	57	20	04		006	CB Moud N	WRG
SA	2052	60 SCT E 150 OUC	20			146	83	57	19	05		009		WRG
SA	2152	E 150 BKN 250 BKN	20			149	81	59	02	07		010	117 1062 95	WRG
SA	2252	E 150 BKN 250 BKN	20			152	81	57	01	04		011		WRG
SA	2352	150 SCT	20			151	79	57	00	00		011		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 14

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	26.570	76.2	63.3	50	10	10	CU	E80												10	8	.050			00-01
01 52	26565	75.3	63.3	53	9															9					01-02
02 52	26580	75.8	63.7	53	8															8					02-03
03 51	26.590	73.1	64.1	62	8	4	CUFRA	70	4	CI	E250	8								7	3	.020			03-04
04 55	26.620	74.1	63.5	57	8															7					04-05
05 55	26.630	73.4	64.9	64	9															7					05-06
06 50	26.640	75.9	64.6	56	8	3	SC	80	2	AC	180	5	3	CI	E250	8				7	1	.050			06-07
07 52	26.660	78.4	65.1	50	9															8					07-08
08 55	26.660	82.4	65.0	40	8															7					08-09
09 49	26.670	84.0	65.2	37	8	2	CU	100	4	AC	E180	6	2	AC	300	8				8	2	.030			09-10
10 51	26.670	87.3	66.0	33	9															8					10-11
11 51	26.660	89.5	66.8	30	8															7					11-12
12 53	26.640	90.6	66.0	27	8	2	CB	60	3	AC	150	5	3	CI	E250	8				7	8	.030			12-13
13 54	26.630	91.4	67.0	29	8															7					13-14
14 51	26.620	90.9	66.4	28	9															8					14-15
15 52	26620	88.9	65.5	29	9	3	CB	60	3	AC	E150	6	3	CI	250	9				8	6	.020			15-16
16 52	26620	88.3	66.0	31	9															8					16-17
17 52	26620	88.0	66.4	33	10															8					17-18
18 52	26630	86.7	66.5	35	9	1	CB	60	6	AC	E150	7	2	CI	250	9				8	3	.010			18-19
19 52	26650	84.4	66.1	39	9															9					19-20
20 52	26675	83.4	65.7	40	10															9					20-21
21 52	26680	81.0	66.3	47	8	6	AC	E150	2	CI	250	8								6	1	.050			21-22
22 52	26690	81.0	65.3	45	7															6					22-23
23 52	26.690	79.4	64.9	47	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 0347		0	0		78	72										
	0347	1	T	0	0	78	69		0								
	0941	2	0	0	0	86	72		0								
	1548	3	0	0	0	95	84		0								
	2148	4	0	0	0	89	81		0								
	MID.		0	0	0	81	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.670	26620	26680
BAROGRAPH 64	26.585	26.670	26620	26675
BAR. CORR. 65	+.005	±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
95	72	0	0	0	16	E	1403					9	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: 0540P ±3 Sec./ 2314P ±4 Sec./ ± Sec.

0052/2359 0351/2359

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆ U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INDICATOR (15)
	SA	0052	150 SCT	20			150	79	58	00	00		011	103 1030	WRC
	SA	0152	E150 BKN	20			148	77	59	05	05		010		WRC
	SA	0252	150 SCT 250-SCT	20			146	76	59	00	00		010		WRC
	SA	0352	CLR	20			153	76	58	03	07		011	500 103175 RADAT 81145	EP
	SA	0450	150 SCT 250 SCT	20			161	74	58	04	03		013	CB DSNT W	EP
	SA	0551	150 SCT	20			165	74	61	12	04		014		EP
	SA	0653	150 SCT	20			169	79	58	00	00		015	CB SE/215 1330	EP
	SA	0752	150 SCT 250 SCT	20			169	85	56	00	00		016	CB SE	EP
	SA	0850	150 SCT 250 SCT	20			164	88	58	07	04		015	CB SE-S CU BLDG ALQDS	EP
	SA	0952	100 SCT 150 SCT 250 SCT	20			163	92	57	21	10		015	CB TCU ALQDS/802	EP
														1931 73	
	RS	1054	E 100 BKN 150 BKN	20		T	170	88	59	20	11 G 20		016	~~TCU~~ CB N MOVG NE	EP
														RWY N CB ALQDS	
	SA	1152	E100 BKN 150 OVC	20		T	169	90	57	05	08		016	T N MOVG NE CB	EP
														ALQDS	
	SP	1246	100 SCT E150 BKN	20						36	08		014	TE43 MOVD N	EP
1256	SA	~~1356~~	100 SCT E 150 BKN 2500 VC	20			160	94	55	01	08		014	TE43 MOVD N/803 1933	EP
1352	SA	~~1452~~	100 SCT E 150 BKN 250 BKN	20			160	88	57	06	10		013	CB ALQDS	EP
1451	SA	~~1554~~	100 SCT E150 BKN 250 BKN	20			160	90	59	06	05		013	CB N-E	EP
	SA	1554	90 SCT E150 BKN 250 BKN	20			156	92	56	02	05		012	708 1272 94 RADAT 81145	SEA
	SA	1658	90 SCT E150 BKN 250 BKN	20			149	92	56	04	07		011		SEA
	SA	1754	90 SCT 150 SCT E250 BKN	20			150	88	55	09	06		011	FEW LWR CU SE	SEA
	SA	1851	90 SCT 120 SCT E250 BKN	20			155	87	55	12	05		013	WRSA W/ 302 1272	SEA
	SA	1948	E90 BKN 120 BKN 250 OVC	20			158	84	59	36	03		014	FEW LWR CU S	SEA
	SA	2052	90 SCT 120 SCT E250 ~~OVC~~ BKN	20			160	83	58	05	05		015	OCNL LTG DSNT S	SEA
	SA	2148	120 SCT 250-OVC	20			160	81	59	04	07		015	OCNL LTG DSNT S/107 1677	SEA
														94	
	SA	2251	250-SCT	20			162	80	57	09	03		015	FEW AC	SEA
	SA	2351	250-SCT	20			163	78	58	08	03		015		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 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	26690	79.1	65.0	48	3	3	AC	150												2	1	.010			00-01
01 52	26660	77.0	65.0	54	7															6					01-02
02 52	26680	76.3	64.7	55	3															1					02-03
03 52	26.690	75.5	63.8	54	0	0	Ac	150	0	Ci	250	0								0	5	.000			03-04
04 50	26.710	73.8	63.5	58	1															1					04-05
05 51	26.720	74.2	65.5	64	3															3					05-06
06 53	26.735	79.0	65.0	48	2	0	CB	100	2	Ac	150	2								2	2	.045			06-07
07 52	26.740	84.7	65.9	38	1															1					07-08
08 50	26.730	87.7	67.6	36	1															1					08-09
09 52	26.730	92.3	68.7	31	3	1	CB	100	2	Ac	150	3	D	Ci	250	3				2	8	.005			09-10
10 54	26.740	88.0	68.4	38	7															7					10-11
11 52	26.740	90.3	67.9	32	10															10					11-12
12 56	26.720	94.2	68.1	27	10	4	CB	100	4	Ac	E150	7	3	Ci	250	10				9	8	.010			12-13
13 52	26.710	88.3	67.7	35	7															6					13-14
14 51	26.710	90.1	69.1	36	9															8					14-15
15 56	26.645	91.5	68.0	30	6	4	CU	90	2	AC	E150	6	0	Ci	200	6				5	7	.025			15-16
16 58	26.680	91.6	68.1	30	7															5					16-17
17 54	26.685	89.4	66.5	32	9															7					17-18
18 51	26.700	87.0	66.1	34	9	2	CU	90	4	AC	120	5	5	Ci	E200	9				8	3	.005			18-19
19 48	26.710	84.3	67.6	43	10															8					19-20
20 52	26.780	83.3	66.3	48	8															6					20-21
21 48	26.760	81.1	66.1	47	10	4	AC	120	10	CS	250	10								4	1	.020			21-22
22 51	26.780	80.2	65.0	45	5															2					22-23
23 51	26.720	78.0	64.7	50	5															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	79	75	X	X						X		
	0348	1	0	0	0	81	75		0								
	0948	2	0	0	0	92	73		0								
	1550	3	0	0	0	94	88		0								
	2144	4	0	0	0	92	81		0								
	MID.	X	0	0	0	81	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.730	26.645	26.720
BAROGRAPH 64	26.690	26.740	26.710	26.730
BAR. CORR. 65	0	-.010	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNKL 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
94	73	0	0	0	29	N	1124					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1048	1243			

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: 1012P ±4 Sec. / 1553PST ±4 Sec. / ± Sec.

1054/1054 1256/1256 1352/1352 1451/1451

2052 B 2052

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 16 JUL 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	250-SCT	20			159	74	61	06	03		014	803 1001	SEA
SA	0148	250-SCT	20			160	75	59	08	04		014		SEA
SA	0251	250-SCT	20			158	72	61	03	03		013		SEA
SA	0353	CLR	20			156	73	60	05	04		012	603 1030 72 RADAT75153	EP
SA	0450	CLR	20			156	73	60	07	07		012		EP
SA	0551	CLR	20			164	75	59	12	03		014		EP
SA	0650	~~CLR~~ 150 SCT	20			168	76	61	12	03		015	310 1030	EP
SA	0753	150SCT	20			163	82	57	00	00		014		EP
SA	0853	150SCT 250SCT	20			162	84	55	03	06		014		EP
SA	0951	E 150 BKN	20			158	87	58	33	03		013	TCU SE/80T 1230 72	EP
SA	1050	E150 BKN	20			152	89	55	30	08		011	CB SW-NW SE	EP
SA	1151	150 SCT E250 ~~OVC~~ BKN	20			145	94	54	23	07		010	CB SW-NW SE	EP
SA	1252	100SCT 150 SCT	20			135	95	54	18	10		008	CB ALQDS/820 1930	EP
SA	1352	100 SCT 150 SCT 250SCT	20			125	99	53	24	08		004	CB ALQDS	EP
SN	1452	90 SCT 250 SCT	20			116	97	56	18	07		002	CB AND RAIN NW-N CG FRNT	SEA
/	/	~~90 SCT E250 BKN~~	~~20~~				~~95~~					/	E LTE MOVT	/
SA	1555	90 SCT E250 BKN	20			109	95	54	27	06		999	CB SE AND W-N MOVG SCOLD	SEA
/	/				/	S RAIN W-N VRBL N-NE						/	724 1303 99 RADAT 71154	/
SP	1653	E90 BKN 250 BKN	20		T				34	14	620	999	TB23 NW MOVG S 22N	SEA
/	/											/	LTSCS NW VRBL S ~~023~~	/
SA	1652	E80 BKN 250 OVC	20		TRW-	129	82	61	21	14	530	004	T S-OVHD-NW MOVG SW TB38	SEA
/	/											/	*OCNL LTSCS NW PRESRIP	/
SA	1752	E80 BKN 150 BKN 250 OVC	20		TRW-	124	77	66	07	02	615	002	T SW-W MOVG SW CB E MOVG	SEA
/	/											/	SW B/OVC E	/
SP	1804	E40 BKN 150 BKN 250 BKN	20						13	03		002	TEOL AND SW CB E AND	SEA
/	/											/	SW-W MOVG SW KEO2	/
SA	1851	90 SCT E150 BKN 250 BKN	20		TRW-	122	80	66	03	03		002	V TEOL REO2B34 / 06 703 1263	SEA
SA	1950	120 SCT E250 BKN	20			115	81	64	21	02		000	REO4	SEA
SA	2054	120 SCT E250 BKN	20			115	78	67	00	00		000		SEA
SA	2146	120 SCT 250 SCT	20			114	78	70	09	01		000	603 03 1072 99	SEA
SA	2250	250-SCT	20			112	75	66	36	05		000	FEW AC	SEA
SA	2350	250-SCT	20			108	75	63	09	02		999	FEW AC	SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 16 JUL 1984

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	26.710	74.4	66.4	63	3	3	CI	250												0	8	.010			00-01
01 48	26.710	75.0	64.4	58	1															0					01-02
02 51	26.700	72.0	64.5	68	1															0					02-03
03 53	26.700	72.9	64.3	64	0	0	Ac	150												0	6	.010			03-04
04 50	26.700	72.8	64.0	63	0															0					04-05
05 51	26.720	75.0	64.5	58	0															0					05-06
06 50	26.730	75.5	65.5	60	1	1	Ac	150												1	3	.030			06-07
07 53	26.720	81.8	65.4	43	2															2					07-08
08 53	26.720	84.4	65.5	37	5															4					08-09
09 51	26.710	87.3	67.6	37	8	0	Cu	100	8	Ac	E150	8								7	8	.020			09-10
10 50	26.695	89.0	66.9	32	7															7					10-11
11 51	26.680	93.8	67.7	26	7															5					11-12
12 52	26.650	95.0	68.2	26	2	1	CB	100	1	Ac	150	2								2	8	.060			12-13
13 52	26.630	99.0	68.7	22	2															2					13-14
14 56	26.600	97.1	69.1	25	5															3					14-15
15 55	26.580	94.8	68.1	26	6	2	CB	90	5	CI	E250	6								4	7	.070			15-16
16 52	26.600	82.0	68.0	50	10															10					16-17
17 52	26.600	76.9	69.0	68	10															9					17-18
18 51	26.600	80.1	70.4	63	9	3	Cu	90	6	Ac	E150	7	3	CI	250	9				8	0	.020			18-19
19 50	26.590	80.6	68.9	57	8															6					19-20
20 54	26.590	78.4	70.1	68	7															4					20-21
21 46	26.590	77.5	72.0	77	4	2	Ac	120	2	CI	250	4								3	6	.010			21-22
22 50	26.585	75.1	69.0	75	5															2					22-23
23 50	26.580	74.9	67.0	68	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	78	72	X	X						X		
	0348	1	0	0	0	81	72		0								
	0947	2	0	0	0	87	73		0								
	1550	3	0	0	0	94	87		0								
	2142	4	.03	0	0	95	77	X	1	X					X		
	MID.	X	0	0	0	78	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1554	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.710	26.680	26.590
BAROGRAPH 64	26.690	26.720	26.610	26.600
BAR. CORR. 65	+.010	-.010	-.030	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	1AM 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	72	.03	0	0	30	E	1642					5	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1623	1626			
RW-	1638	1802			
RW-	1834	1904			

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: 0630 ±4 Sec. / 1913 ±4 Sec. ± Sec.

0650/0650

1151/1151 1456/1456

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

U.S. G.P.O. 1982-564-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 17 JUL 1984

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-36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENDERS INITIALS (15)
SA	0053	250 SCT	20			106	76	66	10	01		999	705 1002	SEA
SA	0150	E140 BKN 250 OVC	20			103	73	64	13	01		998		SEA
SA	0251	E140 OVC	20			103	74	67	10	01		998		SEA
SA	0355	E140 OVC	20			100	75	68	15	04		996	705 ~~1000~~ 1071 73 20003	EP
													RADAT 69153	
SA	0451	E150 OVC	20			110	75	66	00	00		997	HIR CLDS VSB	EP
SA	0550	E150 OVC	20			116	75	67	00	00		998	HIR CLDS VSB	EP
SA	0652	E150 OVC	20			115	76	65	00	00		998	107 107/	EP
SA	0754	E150 BKN	20			112	80	63	21	01		998	CU SE	EP
SA	0851	150 SCT	20			~~107~~ 114	86	59	27	05		999	CB SE	EP
SA	0954	150 SCT	20			114	89	59	19	07		999	CB SE MOVG NW/103	EP
		~~150 SCT 250~~											1970 73	
SA	1051	150 SCT 250 SCT	20			105	92	55	25	09		997	CB OVR MTNS SE	EP
SA	1152	150 SCT 250 SCT	20			105	92	58	21	10		997	CB DSNT W-NW SE	EP
SA	1254	150 SCT E250 BKN	20			095	95	54	23	11		995	CB ALQDS / 815 1973	EP
SA	1341	150 SCT E250 BKN	20			085	96	54	22	08		992	CB N-SE	
SA	1451	150 SCT ~~E250 BKN~~	20			072	99	50	18	06		988	CB NE-SE	EP
SA	1555	100 SCT 250 SCT	20			064	99	48	24	07		987	CB NE AND S / 725 1903	
													00 RADAT 65163	
SA	1657	100 SCT 250 SCT	20			060	99	50 ~~49~~	26	06		986	CB N E-~~W~~ S-W RWUN	
SA	1754	100 SCT E250 BKN	20			071	93	51	24	13		988	CB N-S-W RWUN	
SA	1850	100 SCT 150 SCT E250 BKN	20			073	91	52	25	05		989	CB N MOVG W / 305 1968	SEA
SA	1951	100 SCT 150 SCT E250 OVC	20			082	89	51	24	03		992		SEA
SA	2054	150 SCT 250-BKN	20			085	90	55	21	10		994		SEA
SA	2151	150 SCT 200-BKN	20			083	89	~~54~~ 53	21	06		993	014 1071 00	SEA
SA	2251	250-BKN	20			083	86	55	35	03		993	FEW AC	SEA
SA	2352	150 SCT 250-OVC	20			087	85	55	34	01		994		SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 17 JUL 1984

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	26.575	74.0	68.1	75	3	3	CI	250												2	7	.015			00-01
01 50	26.570	72.9	67.0	75	10															9					01-02
02 51	26.570	74.2	69.4	79	10															10					02-03
03 55	26.560	75.2	69.9	78	10	10	Ac	E140												10	7	.015			03-04
04 51	26.570	74.7	68.5	74	10															10					04-05
05 50	26.580	74.9	69.3	76	10															10					05-06
06 52	26.580	76.0	68.5	69	10	10	Ac	E150												10	1	.020			06-07
07 54	26.580	80.2	68.4	56	9															9					07-08
08 51	26.590	86.3	58.8	40	1															1					08-09
09 54	26.590	88.8	68.9	37	1	0	CB	100	1	Ac	150	1								1	1	.010			09-10
10 51	26.570	92.1	67.7	29	1															1					10-11
11 52	26.570	92.0	69.0	32	4															1					11-12
12 54	26.545	94.8	68.1	26	6	0	CB	100	2	Ac	150	2	4	CI	E250	6				5	8	.045			12-13
13 54	26.520	95.6	68.0	25	6															5					13-14
14 51	26.490	98.5	67.5	20	2															2					14-15
15 55	26.470	99.0	66.6	18	4	2	CB	100	2	CI	250	4								3	7	.025			15-16
16 57	26.460	99.3	67.5	19	5															5					16-17
17 54	26.480	93.0	66.3	24	7															6					17-18
18 50	26.485	91.0	65.9	27	9	1	CB	100	1	AC	150	2	8	CI	E250	9				7	3	.015			18-19
19 51	26.510	88.9	65.0	28	10															7					19-20
20 54	26.530	89.8	66.8	31	6															3					20-21
21 51	26.525	88.7	66.4	32	6	1	AC	150	6	CI	250	6								2	0	.040			21-22
22 51	26.525	86.1	65.9	35	8															3					22-23
23 52	26.535	84.5	65.5	37	10															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 0348		0	0		75	73										
	0348	1	0	0	0	78	73		0								
	0948	2	0	0	0	89	74		0								
	1548	3	0	0	0	100	89		0								
	2146	4	0	0	0	100	87		0								
	MID.		0	0	0	89	84										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.590	26.470	26.525
BAROGRAPH 64	26.580	26.600	26.480	26.525
BAR. CORR. 65	-.020	-.010	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	73	0	0	0	25	S	1703					6	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: 1000 05 Sec./2255P 04 Sec./ ± Sec.

0355/0355 1152/1152 0053/74/0700-18

0851/0851 0954/0954 1451/1451

1657/1657 1254/1254

2151/08/0020

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

U.S. G.P.O. 1982-564-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 18 JUL 1984

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)	CD. REMARKS INITIALS (15)
SA	0058	150 SCT 250-OVC	20			085	84	57	01	05		994	103 1077	SEA
SA	0150	E180 BKN 250 BKN	20			089	81	56	04	03		995		SEA
SA	0250	150 SCT E180 BKN 250 BKN	20			092	81	58	13	02		996		SEA
SA	0355	E150 BKN 250 BKN	20			095	81	56	10	11		996	308 1071 81 RADAT 84148	EP
SA	0450	90 SCT E150 BKN 250 BKN	20			098	80	60	00	00		997	VIRGA E	EP
SA	0551	E150 BKN	20			107	81	60	08	03		999		EP
SA	0651	E150 BKN	20			120	85	57	00	00		003	CU BLDG E/320 1270	EP
SA	0750	E150 BKN	20			122	86	57	03	05		003	TCU N	EP
SA	0853	150 SCT 250 SCT	20			120	89	59	24	19 G28		003	TCU NE SE	EP
SA	0954	150 SCT 250 SCT	20			127	87	59	24	13		005	CB SE/307 1978 78	EP
SA	1052	100 SCT 150 SCT 250 SCT	20			123	92	56	25	13 G20		004	CB RWU SE	EP
SA	1150	100 SCT 150 SCT 250 SCT	20			120	91	52	24	14		003	CB RWU E-SE	EP
SA	1252	100 SCT E250 BKN	20			116	92	53	23	13		002	LN CB NE-SE/710 1903	EP
SA	1352	100 SCT E250 BKN	20			109	93	55	22	11		999	CB W-N-E-SE	EP
SA	1450	100 SCT 150 SCT E250 BKN	20			097	95	56	23	12		996	CB N-E SE	EP
SA	1550	110 SCT 180 SCT E300 BKN	20			097	95	55	24	13		997	CB NE-SE RWU SE/617	
/	/						94						1973 96 RADAT 25160	/
SA	1655	110 SCT 180 SCT E300 BKN	20			099	94	55	25	15		998	CB NE-SE RWU SE	
SA	1753	110 SCT 180 SCT E300 BKN	20			100	93	56	24	16		998	CB N-S	
SA	1854	80 SCT 180 SCT 250 SCT	20			110	89	55	23	09		000	CB E-SE MOVG S RWU SE/310	SEA
/	/	~~70 SCT E180 BKN 250 BKN~~	~~20~~		T							/	1968	/
SP	1920	70 SCT E180 BKN 250 BKN	20		T				22	12		000	TB18 E-SE MOVG NW OCNL	SEA
/	/											/	LTG ICCG E-SE RWU/VIRGA SE	/
SA	1953	70 SCT E100 BKN 180 BKN 250 BKN	20		T	114	87	56	20	10		001	TB18 AND FQT LTG ICCG NE-E	SEA
/	/											/	MOVG NW CB NW CIG LOWER	/
SA	2050	100 SCT E250 BKN	20		T	131	80	61	13	15 G20		006	T NE AND W-NW MOVG NW	SEA
/	/				/	FQT	LTG	ICCG	CB	NE		OCNL	LTG ICCG N RWU W PRESENT	/
SP	2113	100 SCT 250 SCT	20						11	09		006	TB13 MOVG NW CB AND OCNL	SEA
/	/											/	LTG ICCG NE AND NW MOVG NW	/
SA	2149	100 SCT 140 SCT 250 SCT	20			132	80	59	11	07		006	TB13 CB AND OCNL LTG ICCG	SEA
/	/				/	NW-N-NE MOVG NW							117 1963 96	/
SA	2255	140 SCT E250 OVC	20			137	82	58	03	07		008	OVC PTLY THIN	SEA
SA	2353	250-SCT	20			142	78	60	07	05		009	FEW CU W	SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 18 JUL 1984

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 38	26.535	84.1	65.6	40	10	2	AC	150	10	CS	250	10								3	1	.010			00-01
01 50	26.540	81.4	60.0	48	9															8					01-02
02 50	26.550	81.0	65.5	45	8															7					02-03
03 55	26.560	81.4	65.0	42	9	8	AC	E150	2	CI	250	9								8	3	.025			03-04
04 50	26.570	79.9	66.4	50	9															9					04-05
05 51	26.585	81.0	66.9	49	9															9					05-06
06 51	26.620	84.5	66.5	40	9	0	CU	100	9	AC	E150	9								9	3	.060			06-07
07 50	26.625	86.4	66.7	37	9															9					07-08
08 53	26.625	88.8	68.5	37	3															3					08-09
09 54	26.640	87.0	68.0	39	5	0	CB	100	4	AC	150	4	1	CS	250	5				5	3	.020			09-10
10 52	26.630	92.0	68.3	30	1															1					10-11
11 50	26.620	90.8	66.1	27	3															3					11-12
12 52	26.610	91.5	66.7	28	7	1	CB	100	6	CI	E250	7								6	7	.030			12-13
13 52	26.590	92.5	67.7	28	8															6					13-14
14 50	26.560	94.8	68.8	27	8															5					14-15
15 50	26.560	94.5	68.4	28	8	1	CB	110	1	AC	180	2	6	CI	E300	8				7	6	.050			15-16
16 55	26.565	94.0	68.0	29	8															7					16-17
17 53	26.565	93.0	68.4	29	7															6					17-18
18 54	26.590	88.9	66.7	32	5	2	CB	80	2	AC	180	4	1	CI	250	5				4	3	.030			18-19
19 53	26.600	87.0	66.7	35	7															6					19-20
20 50	26.640	80.0	67.0	52	7															4					20-21
21 49	26.640	80.0	66.2	49	5	1	CB	100	3	AC	140	4	1	CI	250	5				4	1	.050			21-22
22 55	26.660	81.6	66.1	45	10															6					22-23
23 53	26.670	77.8	66.1	55	3															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		85	81										
	0349	1	0	0	0	89	81		0								
	0948	2	0	0	0	89	78		0								
	1548	3	0	0	0	96	84		0								
	2144	4	0	0	0	95	77		0								
	MID.		0	0	0	82	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.640	29.560	26.640
BAROGRAPH 64	26.560	26.640	29.565	26.640
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	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	77	0	0	0	29	SW	0836					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1918	2113			

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: 1002 ±5 Sec./ 2313 ±5 Sec./ ± Sec.

OSBR 0152 1653/SLP 099/2358 1953/0900/215T
KCDM 420 1753/SLP 100/2358 2149/0900/215T
1550/1550

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **19 JUL 1984**

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 (15)
SA	0053	250 SCT	20			139	76	59	03	06		008	007 1002	SEA
SA	0151	250 SCT	20			140	75	60	05	07		008		SEA
SA	0250	250-SCT	20			140	75	59	06	07		009		SEA
SA	0353	250-SCT	20			143	74	59	03	04		009	303 1051 73 RADAT 59148	MR
SA	0450	250-SCT	20			147	74	58	05	07		010	TCU SE AC NE	MR
SA	0551	140 SCT 250 SCT	20			150	77	58	00	00		011		MR
SA	0654	140 SCT 250-SCT	20			159	79	58	29	02		013	TCU SW ACSL NE 314 1281	MR
SA	0750	100 SCT 250-SCT	20			156	83	58	20	02		013	TCU SE AND W	MR
SA	0850	100 SCT 250 SCT	20			159	85	60	28	05		013	TCU SE AND NW	MR
SA	0951	45 SCT 100 SCT	20			156	87	62	21	06		013	CB OHTNS SW 802 1970 73	MR
SA	1053	45 SCT 100 SCT	20			149	90	61	16	03		011	CB OHTNS SW TCU ALQDS	MR
SA	1152	50 SCT 100 SCT	20			142	92	61	20	04		009	CB E-SE TCU ALQDS RWU SW	MR
SP	1244	E50 BKN	20		TRW-	1H5			14	23G37		008	T SE MOVG N TB42 VSBY LWR SE	MR
SA	1255	E50 BKN	~~20~~		TRW	~~152~~	81	79	07	24G37		008	TB42 SE MOVG N PKWND 37/33 NB42/ 61507 1900	MR
SA	1352	E50 BKN	20		T	138	80	70	07	08		005	TN MOVG N RE41	MR
SP	1422	50 SCT E90 BKN 250 OVC	20					69	09	07		004	TE20 MOVD N CB N-E-S	MR
SA	1450	E50 BKN 90 BKN 250 OVC	20			127	85	65	08	05		003	CB ALQDS RWU N TE20	MR
SA	1556	80 SCT 120 SCT E250 OVC	20			120	85	65	02	10		002	CB SE N AND NW-N/ 22019 1963 *RADAT 75152 *94	SEA
SP	1642	80 SCT 120 SCT 250-BKN	20		T				03	11		002	TB42 S MOVG N CB E SE-S AND NW MOVG N RWU S	SEA
SA	1651	80 SCT 120 SCT 250-BKN	20		T	121	85	61	04	10		002	TB42 S MOVG N CB E SE-S AND NW MOVG N RWU S-SW	SEA
SP	1732	80 SCT E120 BKN 250 BKN	20		RW-				29	03		003	TE32 MOVD W CB E SE SW MOVG W RWU SW VIRGA W	SEA
SP	1737	80 SCT E120 BKN 250 BKN	20		TRW-				26	03		003	TB36 SW MOVG W OCNL LTG ICCG CB E SE MOVG N RWU SW	SEA
SA	1750	80 SCT E120 BKN 250 BKN	20		TRW-	124	83	64	13	02		003	TB33C TW MOVG NW OCNL LTGICCG	SEA
SP	1802	80 SCT 120 SCT 250-BKN	20			CB E S			~~MOVG NW~~ 16	03		NW 003	MOVG NW RWU W NW RBUEHD TE01 MOVD NW CB E S	SEA
SP	1824	80 SCT E120 BKN 250 OVC	20		T				AND W-NW 07	MOVG NW RWU ~~NW~~ W 03		003	TB20 SE MOVG NW OCNL	SEA
SA	1852	80 SCT E120 BKN 160 BKN 250 OVC	20		T	128	82	66	LTG ICCG CB E 12	NW MOVG NW 05		004	TB20 TOSE MOVG NW OCNL LTG ICCG RWU SE/ 30700 1963 *RBU	SEA
SP	1923	80 SCT E120 BKN 250 BKN	20						10	04		004	TE20 DSIPTD RWU N SE	SEA
SA	1953	80 SCT E120 BKN 250 OVC	20			129	83	59	05	08		005	TE20 DSIPTD OCNL LTG DSNT E SE W	
SA	2056	80 SCT 120 SCT 250 SCT	20			132	77	61	06	12	G18	006	OCNL LTG DSNT E AND W	
SA	2153	80 SCT 250 SCT	20			133	79	59	05	11		005	CB AND OCNL LTGICCG E MOVG NW/ 20700 1903	SEA
SA	2255	80 SCT E250 BKN	20			131	79	59	05	14		006	OCNL DSNT LTG NE	
SA	2354	80 SCT 250-BKN	20			131	70	59	36	01		006	CB AND OCNL LTGICCG E-SE MOVG NW RWU SE	SEA

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 19 JUL 1984

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	26.660	76.4	65.1	56	1	1	CI	250												1	0	.020			00-01
01 51	26.660	75.2	65.0	59	1															1					01-02
02 50	26.665	74.8	64.5	59	1															0					02-03
03 53	26.670	74.4	64.1	58	1	0	AC	140	1	CI	250	1								0	3	.010			03-04
04 50	26.680	74.0	63.7	58	1															0					04-05
05 51	26.690	76.7	64.6	53	1															1					05-06
06 54	26.710	78.5	64.7	49	3	0	CU	60	0	AC	100	0	1	AC	140	1	2	CI	250	1	3	.040			06-07
07 50	26.710	82.9	66.3	43	3															1					07-08
08 50	26.710	84.5	68.0	44	1															1					08-09
09 51	26.705	86.9	69.5	43	4	4	CB	45	0	AC	100	4								4	8	.005			09-10
10 53	26.690	89.9	70.0	38	4															4					10-11
11 52	26.670	91.5	70.7	37	5															5					11-12
12 55	26.660	81.3	79.4	92	9	9	CB	E50												9	6	.045			12-13
13 52	26.640	79.5	72.6	73	8															8					13-14
14 50	26.620	85.2	67.8	41	10															8					14-15
15 56	26.600	84.9	71.0	58	10	3	CB	80	1	AC	120	4	9	CI	E250	10				7	7	.060			15-16
16 57	26.600	85.0	68.4	44	9															4					16-17
17 50	26.610	83.4	69.7	52	9															9					17-18
18 52	26.620	81.8	70.6	59	10	4	CB	80	6	AC	E120	7	0	AC	160	7	3	CI	250	8	3	.080			18-19
19 53	26.630	83.0	67.1	45	10															8					19-20
20 55	26.635	79.0	67.1	55	5															4					20-21
21 53	26.640	79.0	65.8	51	3	2	CB	80	1	CI	250	3								2	2	.020			21-22
22 55	26.640	79.0	65.6	50	6															4					22-23
23 54	26.640	77.8	65.5	53	8															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	78	73	X	X						X		
	0346	1	0	0	0	82	73		0								
	0945	2	0	0	0	90	73		0								
	1550	3	.19	0	0	94	80		1								
	2147	4	T	0	0	85	78		0								
	MID.	X	0	0	0	79	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1555	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.705	26.660	26.640
BAROGRAPH 64	26.670	26.705	26.660	26.640
BAR. CORR. 65	0	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	73	.19	0	0	37	NE	1253					6	5		

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: 0751P ±5 Sec./2106P ±5 Sec./ ± Sec.

1255P/VSBY 1255P 1255P PK WND 1255P

1750 2/1150 1255P 26/1336 1651/1042/26/1346 1750/T336/26/1346

1802/1802 1750/K FUNNEL 1832/T800/26/1340 1755/TE20/26/1346

1450/TE20/0830-21ST 1244/TB42/0900-22

← LAST OF SEVERAL OCCURRANCES

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1242	1820			
RW-	1242	1246			
RW	1246	1320			
RW-	1320	1341			
T	1642	1732			
RW-	1716	1740			
T	1736	1801			
RW-	1746	1801			
T	1820	1920			

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 30 JUL 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (MI) SURFACE (4)	VISIBILITY (MI) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS (MB) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (KNS) (10)	WIND GUSTS (KNS) (11)	ALTIMETER SETTING (INS) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	REMARKS INITIALS (13a)
SA	0055	80 SCT 250 - BKN	20			133	77	60	06	09		005	CBSE MOVG NW OCNL	
													LTG ICCG RWU SE B03	
													1903	
SA	0154	80 SCT 250 - BKN	20			134	75	60	10	04		006	RWU SE	
SA	0250	80 SCT 220 - BKN	20			128	75	59	05	04		004		
SA	0353	220 - BKN	20			130	74	63	04	07		004	502 1078 73 20019	MR
													RADAT 54152	
SA	0450	100 SCT 220 - OVC	20			135	72	60	09	02		005		MR
SA	0550	250 - SCT	20			136	75	61	11	02		005		MR
SA	0650	250 - SCT	20			137	78	61	00	00		006	107 1131	MR
SA	0750	140 SCT 250 - SCT	20			134	82	60	00	00		006	TCU SE	MR
SA	0851	140 SCT 250 - SCT	20			134	85	59	17	04		005	CB OMTNS SE DSNT NW	MR
SA	0954	50 SCT 130 SCT 250 SCT	20			126	87	59	21	06		004	CB E-SE TCU ALQDS RWU SE	MR
													807 1931 72	
SA	1050	50 SCT 120 SCT	20			118	91	58	19	10		002	CB NE-SE TCU ALQDS RWU	MR
													SE	
SA	1150	50 SCT 250 SCT BKN	20			112	93	58	20	06		000	CB ALQDS RWU SE	MR
SA	1252	E50 BKN 140 BKN 250 ~~OVC~~	20			106	90	58	10	12		998	CB N-E-S TCU ALQDS RWU	MR
													NE-E 819 1961	
SA	1352	E45 BKN 120 OVC	15		RW-	105	84	63	11	04		997	CB E SW RB27	MR
SA	1452	50 SCT E100 BKN 250 OVC	20			093	87	63	04	03		993	TCU S-W-N RE15 RADAT 20	MR
SA	1556	50 SCT E100 BKN 250 OVC	20			086	89	59	16	10		992	TCU W / 6194 1278 95	
SA	1651	E90 BKN 250 OVC	20			086	87	56	16	10		991	CB DSNT. SW AND NW	
SA	1752	E90 BKN 250 OVC	20			081	86	56	15	10		990	CB RWU DSNT SW-NW	MR
SA	1851	E100 BKN 250 OVC	20			080	86	57	18	07		990	CB DSNT SW / 605 1308	MR
SA	1954	E100 BKN 250 OVC	20			080	89	~~60~~ 62	27	04		990	COR (0404)	MR
SA	2056	E100 BKN 250 OVC	20			083	80	65 69	04	07		991		
SA	2157	E100 BKN 250 OVC	20			087	79	60	18	03		992	307 1078 95	
SA	2259	100 SCT 250 - BKN	20			081	79	65	05	10		992		
SA	2359	100 SCT 250 - BKN	20			080	78	62	08	07		991		

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: **20 JUL 1984**

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	26.630	76.5	65.3	56	8	1	CB	80	7	CI	250	8								2	8	.010			00-01
01 54	26.630	75.3	65.3	60	7															2					01-02
02 50	26.620	74.5	64.5	59	6															2					02-03
03 53	26.625	74.3	66.5	68	6	0	Ac	80	6	CS	220	6								2	5	.005			03-04
04 50	26.635	72.3	64.2	66	10															2					04-05
05 50	26.640	75.2	65.6	61	4															1					05-06
06 50	26.645	78.2	66.8	56	4	0	Cu	40	0	Ac	100	0	4	CI	250	4				1	1	.020			06-07
07 50	26.645	81.5	67.0	48	3															1					07-08
08 51	26.640	85.4	67.6	41	3															1					08-09
09 54	26.625	87.1	68.0	39	3	1	CB	50	1	Ac	130	2	1	CI	250	3				2	8	.020			09-10
10 50	26.610	91.2	69.0	33	2															2					10-11
11 50	26.590	93.2	69.3	31	5															5					11-12
12 52	26.570	89.6	68.4	35	9	6	CB	E50	3	Ac	140	9	0	CI	250	9				9	8	.055			12-13
13 52	26.560	83.9	69.4	50	10															10					13-14
14 52	26.530	86.8	70.0	44	10															10					14-15
15 55	26.515	88.6	68.6	37	10	4	ov	50	3	Ac	E100	7	3	CS	250	10				10	6	.055			15-16
16 51	26.510	87.3	66.8	35	10															10					16-17
17 52	26.500	86.3	66.3	36	10															9					17-18
18 51	26.500	86.1	66.7	37	10	0	CB	80	6	SC	E100	6	4	CS	250	10				9	6	.015			18-19
19 54	26.500	82.0	68.1	50	10															9					19-20
20 56	26.510	80.3	69.5	59	10							10								9					20-21
21 57	26.520	78.8	70.0	66	10	0	AC	E100	2	CS	250	8								6	3	.020			21-22
22 59	26.510	79.0	69.3	63	7															2					22-23
23 59	26.510	78.4	67.0	57	7															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	(41) 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		0	0		78	73										
	0346	1	0	0	0	79	73		0								
	0946	2	0	0	0	88	72		0								
	1548	3	.14	0	0	95	84		1								
	2148	4	0	0	0	89	79		0								
	MID.		0	0	0	82	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.625	29.515	26.520
BAROGRAPH 64	26.625	26.635	29.520	26.525
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 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	72	.14	0	0	22	SE	1233					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1327	1415			

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: 0452P ±5 Sec./ 1858P ±5 Sec./ ± Sec.

1957P/DP62/2004P 2056/DP65/2355

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 21 JUL 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0058	60 SCT 250-BKN	20			079	76	62	06	05		990	708 1508	HR
SA	0159	100 SCT 250-BKN	20			078	77	65	10	05		989	OCNL DSNT LTG W	HR
SA	0250	100 SCT 250-BKN	20			074	74	62	11	08		988		HR
SA	0353	60 SCT E80 OVC	20			077	73	62	04	04		989	CB OCNL LTG CG W 502	HR
													196/ 72 20014 RADAT 85142	
SA	0450	50 SCT E80 OVC	20			078	74	62	25	02		989		HR
SP	0550	E50 BKN 80 OVC	20		TRW-	081	74	63	32	04		990	TW MOVG N TB47 RB44	HR
SA	0601	E50 BKN 90 OVC	20		T	091	72	66	31	02		993	TRWU W-NW MOVG N RE05	HR
													31203 196/	
SP	0720	E50 BKN 90 OVC	20					34	35	05		993	TE18 MOVD N	HR
SA	0750	E50 BKN 90 OVC	20			092	76	63	35	04		993	TE18 MOVD N	HR
SP	0832	E50 BKN 90 OVC	20		T				02	04		992	TB22 SW MOVG N	HR
SA	0849	E50 BKN 90 OVC	20		T	088	79	62	32	02		992	TSW B29 RADAT UNK RWU OHTNS	HR
													S AND SW	
SA	0951	E50 BKN 90 OVC	15		TRW-	100	71	65	07	02		994	T N-E MOVG N CB OHTNS SE5	HR
													RB21 30315 196/ 71	
SP	1016	50 SCT E80 OVC	20						03	04		993	TE13 MOVD N RE07 CB ALQDS	HR
													BINOVC S	
SA	1050	70 SCT E110 BKN	20			091	79	64	36	04		992	CB E-S RWU SE TE13 RE07	HR
SA	1150	70 SCT E110 BKN	20			084	82	61	26	06		991	CB N-E-S RWU SE	HR
SA	1253	60 SCT 90 SCT E120 BKN	20			077	86	58	19	10		990	CB SE-S 71500 1970	HR
SA	1349	60 SCT 100 SCT E130 BKN	20			069	83	59	10	08	G18	986	TCU ALQDS	HR
SA	1450	E60 BKN 100 ~~SCT~~ BKN 250 BKN	20			060	83	60	10	14		983	TCU ALQDS	HR
SA	1552	E70 BKN 250 OVC	20		RW-	055	82	60	14	15		982	RB46 TCU ALQDS	HR
—	—												72200 1201 88	—
—	—												RADAT 98147	—
SA	1651	E70 BKN 250 BKN	20			048	81	60	09	17	G24	980	RE03 TCU ALQDS	HR
SA	1750	E70 BKN 250 BKN	20			050	81	63	13	15		980	CB RWU SE AND	HR
—	—												W-NW	—
SA	1850	E70 BKN 250 OVC	20			055	79	59	14	11		981	RWU SE AND NW/50200	HR
—	—												1203	—
SA	1955	E70 BKN 250 OVC	20			071	76	62	34	10		985	DSNT LTG N	HR
SA	2054	E70 OVC	20		RW-	078	72	62	04	17	G23	987	RB50 LTNG SE	HR
SA	2154	E50 OVC	10		RW-	097	67	65	02	15		991	23013 1411 88	HR
SA	2251	E50 OVC	20		RW-	096	67	64	07	04		992		HR
SA	2358	E50 BKN 250 BKN	20			096	67	64	12	11		992	RE10	HR

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddf_f $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6$RRRt_R$ 7w$_w$W$_1$W$_2$ 8$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 31 JUL 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 58	26.495	76.2	66.3	61	8	2	SC	60	6	CS	250	8								3	7	.025			00-01
01 59	26.490	76.5	68.3	67	8															3					01-02
02 50	26.480	74.4	65.8	65	8															3					02-03
03 53	26.490	72.5	65.7	71	10	0	CB	40	3	SC	60	3	7	AC	E80	10				9	5	.005			03-04
04 50	26.490	74.2	66.0	66	10															10					04-05
05 50	26.500	74.3	66.6	68	10															10					05-06
06 51	26.525	72.4	68.0	81	10	0	CB	35	6	SC	E50	6	4	AC	90	10				10	3	.035			06-07
07 50	26.525	75.9	67.0	64	10															10					07-08
08 49	26.515	79.4	66.5	56	10															10					08-09
09 51	26.535	71.3	66.7	80	10	9	CB	E50	1	AC	90	10								10	3	.010			09-10
10 50	26.520	78.5	68.7	62	9															8					10-11
11 50	26.505	82.2	67.6	49	9															9					11-12
12 53	26.490	85.6	67.4	40	9	1	CB	60	3	AC	90	4	5	AC	E120	9				9	7	.045			12-13
13 49	26.465	82.9	66.9	44	9															8					13-14
14 50	26.440	82.6	67.6	47	9															8					14-15
15 52	26.425	82.2	67.0	47	10	9	RCU	E70	1	CI	250	10								9	7	.065			15-16
16 51	26.405	80.7	67.0	50	9															9					16-17
17 50	26.410	80.6	68.2	54	9															7					17-18
18 50	26.420	79.3	65.7	50	10	8	CU	E70	2	CI	250	10								10	5	.005			18-19
19 55	26.460	76.3	66.3	60	10															10					19-20
20 54	26.480	72.3	65.6	71	10															10					20-21
21 54	26.510	66.7	65.3	93	10	10	SC	E50												10	2	.090			21-22
22 51	26.520	67.4	65.3	90	10															10					22-23
23 58	26.520	67.4	65.4	91	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	78	72	X	X						X		
	0346	1	0	0	0	82	72		0								
	0946	2	.15	0	0	80	71		2								
	1548	3	T	0	0	88	71		1								
	2150	4	.13	0	0	83	67		2								
	MID.	X	.04	0	0	68	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.535	26.425	26.510
BAROGRAPH 64	26.495	26.535	26.425	26.505
BAR. CORR. 65	+.005	0*	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
88	67	.92	0	0	27	N	2058					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0544	0605			
T	0547	0718			
T	0829	1013			
RW-	0921	1007			
RW-	1546	1603			
RW-	2050	2310			

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: 0623P ±5 Sec./ 1840P ±5 Sec./ ± Sec.

0720P/0720P 0550P/0550P *BAROGRAPH CHANGED AND RESET TO ZERO CORR.

1450P/1450P 0849/DP 60/2355 0750/TE18 MOVD N/1000

0849/B29/0958 1050/TE 13 1255

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

MF1-10B (1-82)

U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 22

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0059	E70 OVC	20			094	67	64	33	07		992	10304 14//	
SA	0124	E70 OVC	20		RW-	093	68	63	13	09		992	RB45	
SA	0250	E50 OVC	10		RW-	098	67	65	13	04		993	RW- OCNLY RW	
RS	0354	E35 OVC	10		TRW-	099	67	65	10	02		993	TNB51 OCNL LTGIC N	JC
													RW- OCNLY RW/20335	
													19// 62 20063	
SA	0452	E35 BKN 60 OVC	20		T	107	67	64	00	00		996	T NE MOVG NE RE33	JC
													RWW ALQDS RAQAT	
													92136 1112	
SP	0518	15 SCT E35 BKN 60 OVC	20						07	06		996	TE17 MOVD NE RWW	JC
													W AND NE	
SP	0542	7 SCT E15 BKN 35 BKN 60 OVC	15						12	09		996	TE17 MOVD NE RWW NE	JC
SA	0554	7 SCT E15 BKN 35 OVC	15			111	67	63	03	06		997	TE17 MOVD NE RWW NE	JC
SA	0651	7 SCT E15 BKN 35 OVC	15			115	68	64	18	04		998	RB11E35 CB SE MOVG N	JC
													11407 19//	
SP	0740	E7 BKN 15 BKN 35 OVC	7		TRW-				07	06		000	TB38 OVHD MOVG NW	JC
													RW- OCNLY RW	
RS	0754	7 SCT E15 BKN 35 OVC	10		TRW-	125	66	64	11	05		000	TB38 S AND NW MOVG	JC
													NW RW- OCNLY RW RB24	
SA	0853	7 SCT E15 BKN 35 OVC	10		TRW-	128	67	64	13	06		000	TALQDS MOVG NW	JC
SP	0926	7 SCT E15 BKN 35 OVC	15		RW-				32	02		999	TE24 MOVD NW	JC
SA	0953	7 SCT E15 BKN 35 OVC	20			126	69	64	35	03		999	TE24 MOVD NW RE35	JC
													00339 19// 66	
SP	1008	7 SCT E15 BKN 35 OVC	15		T				15	03		999	TB06 SE MOVG NW	JC
SP	1022	E7 OVC	4		TRW				10	14		999	TB06 OVHD MOVG NW	JC
SA	1054	E7 BKN 15 OVC	7		TRW-	129	67	66	12	16		000	TB06 ALQDS MOVG N	JC
													RW- OCNLY RW LTGCG	
													NE RB10	
SP	1128	7 SCT E15 BKN 35 OVC	20						32	04		000	TE27 MOVD N	JC
RS	1155	7 SCT E15 BKN 35 OVC	20		TRW-	128	69	65	28	07		000	TE27 MOVD N TB52	JC
													S MOVG NW RE15B54	
SP	1207	E7 BKN 15 OVC	7		TRW				29	04		000	T OVHD MOVG NW	JC
SP	1226	7 SCT E15 BKN 35 OVC	10		TRW-				27	03		999	T NW MOVG NW	JC
SA	1253	7 SCT E15 OVC	7		TRW	122	68	65	03	10		998	TE MOVG NW RW OCNLY	JC
													RWY/80372 19//	
SA	1354	7 SCT E15 OVC	3		TRW+	129	67	66	30	13 G22		000	TS AND N MOVG NW	JC
SP	1432	7 SCT E15 OVC	15		TRW-				32	07		000	T N MOVG NW	JC
SA	1454	7 SCT E15 OVC	15		TRW-	129	67	62	36	15		000	T N MOVG N	JC
SA	1552	7 SCT E15 OVC	15		TRW-	127	64	60	04	16		998	T N MOVG N/10320	CG
													ONE B// 69 RAQAT MISG	
SP	1620	7 SCT E15 BKN	20						06	10		998	TE19 T MOVD N RE10	CG
													CB RWW ALQDS	
SA	1650	7 SCT E15 BKN	20			129	70	61	10	08		999	CB ALQDS TE19 RE10	CG
SA	1751	7 SCT E15 OVC	20		RW-	141	66	62	11	17		003	RB33 CB ALQDS	CG
SP	1801	7 SCT E15 OVC	10		TRW-				11	16		004	TB01 T SE MOVG NW OCNL LTGCC	CG
SA	1850	7 SCT E15 OVC	10		TRW-	142	64	61	08	09		003	TB01 T OVHD MOVG NW/	CG
													11400 13//	
SP	1905	7 SCT E15 OVC	10		RW-				32	07		003	TE04 T MOVD NW	CG
SA	1953	E20 OVC	20			147	63	61	22	07		004	TE04 RE38 T MOVD NW	CG
SA	2050	E20 BKN 250 OVC	20			150	64	61	09	07		005		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 22

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	2152	E20 BKN 250 OVC	20			194	63	61	10	10		006	21013 ₮1308 70	CG
SA	2253	E20 BKN 250 OVC	20			158	63	61	13	06		007		CG
RS SA	2350	20 SCT	20			158	63	60	10	09		007		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 22

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	26.520	66.7	64.7	90	10	10	SC	E70												10	1	.010			00-01
01 54	26.530	67.7	64.5	85	10															10					01-02
02 50	26.530	66.6	65.4	94	10															10					02-03
03 54	26.530	66.2	65.2	93	10	10	CB	135												10	2	.010			03-04
04 52	26.530	66.2	64.8	91	10															10					04-05
05 54	26.560	67.3	64.5	87	10															10					05-06
06 51	26.570	67.8	65.0	87	10	1	CUFRA	7	6	CUFRA	E15	6	4	CB	35	10				10	1	.040			06-07
07 54	26.590	66.2	65.0	94	10															10					07-08
08 53	26.590	66.8	64.8	90	10															10					08-09
09 53	26.580	68.5	65.5	86	10	2	CUFRA	7	5	CUFRA	E15	7	3	CB	35	10				10	0	.010			09-10
10 54	26.590	67.1	66.0	95	10															10					10-11
11 53	26.590	69.0	66.2	87	10															10					11-12
12 53	26.570	68.2	65.9	89	10	5	CUFRA	7	5	CB	E15	10								10	8	.010			12-13
13 54	26.590	67.0	66.1	96	10															10					13-14
14 54	26.590	67.0	63.9	85	10															10					14-15
15 52	26.580	64.0	61.3	86	10	1	CUFRA	7	10	CB	E15	10								10	1	.010			15-16
16 50	26.590	70.0	63.7	72	9															9					16-17
17 51	26.620	66.0	63.0	87	10															10					17-18
18 50	26.620	63.7	62.0	91	10	1	CUFRA	7	10	CB	E15	10								10	1	.040			18-19
19 53	26.630	63.2	61.8	93	10															10					19-20
20 50	26.640	63.9	61.7	89	10															9					20-21
21 52	26.650	63.0	61.6	93	10	9	CB	E20	1	CS	250	10								9	2	.030			21-22
22 53	26.660	62.8	61.3	92	10															8					22-23
23 50	26.660	63.0	61.0	90	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	.31	0	X	68	67	X	X						X		
	0351	1	.35	0	0	68	67		2								
	0949	2	.39	0	0	69	66		2								
	1546	3	1.20	0	0	69	64		2								
	2148	4	.13	0	0	70	63		2								
	MID.	X	0	0	0	63	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.580	26.580	26.650
BAROGRAPH 64	26.520	26.580	26.580	26.650
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 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
70	63	2.03	0	0	27	N	1458					10	10		

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: 1035P ±5 Sec./ 2005P @ 1 Sec./ ± Sec.

1354/1354

1432/1433 2152/2152

2350/2350

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0145	0235	RW-	1255	1344
RW	0235	0245	RW+	1344	1402
RW-	0245	0433	RW	1402	1410
T	0351	0517	RW-	1410	1610
RW-	0611	0635	RW-	1733	1938
RW-	0724	0935	T	1801	1904
T	0738	0924			
T	1006	1127			
RW-	1010	1018			
RW	1018	1034			
RW-	1034	1115			
T	1152	1619			
RW-	1154	1205			
RW	1205	1223			
RW-	1223	1231			
RW+	1231	1245			
RW	1245	1255			

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 23

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 (15)
SA	0054	50 SCT	20			158	63	60	09	10		007	103 1400	CG
SA	0152	50 SCT	20			158	63	60	09	10		007		CG
SA	0250	50 SCT	20			158	62	59	02	03		007		CG
SA	0353	50 SCT	20			164	61	59	05	04		009	303 1400 61 20172	JC
/													RADAT 20131	/
SA	0454	50 SCT	20			169	61	59	07	05		011	FEW LWR CLDS SE-S	JC
SA	0553	50 SCT 250 - SCT	20			177	64	60	09	06		013	FEW LWR CUFRA EMDS	JC
SA	0652	50 SCT 250 - SCT	20			180	68	61	36	05		014	CB SW MOVG N/117	JC
/													1901	/
SA	0754	50 SCT 250 - SCT	20			183	70	62	13	13		015	CB SW-W MOVG N TCU S	JC
SA	0851	50 SCT 250 SCT	20			181	73	60	12	08		015	CB W MOVG N TCU S	JC
SA	0953	E50 BKN 250 BKN	20			181	74	61	11	10		015	CB W-NW MOVG N	JC
/													TCU S/103 1901 61	/
SA	1054	E50 BKN 250 BKN	20			180	78	63	10	08		015	CB NW MOVG N TCU S	JC
SA	1153	E50 BKN 250 BKN	20			172	78	61	15	08		013	CB MOVG N TCU ALQDS	JC
SA	1252	E50 BKN	20			163	80	60	16	04		011	TCU ALQDS/814 1200	JC
SA	1354	E50 BKN	20		RW-	160	79	59	26	06		010	RB32 TCU ALQDS	JC
SA	1451	E60 BKN	20			161	78	64	33	07		010	RE35 RWU NW TCU	JC
/													ALQDS	/
SA	1553	60 SCT	20			152	82	58	31	07		007	TCU ALQDS/81020	CG
/													1200 82 RADAT 51137	/
SA	1650	60 SCT	20			148	83	59	30	04		006	TCU NE-SE	CG
SA	1755	60 SCT	20			146	84	56	01	05		006	TCU SE	CG
SA	1854	60 SCT	20			149	82	58	31	04		007	500 1100	CG
SA	1953	CLR	20			154	75	65	03	04		008		CG
SA	2052	CLR	20			164	74	64	01	04		012		CG
SA	2150	CLR	20			169	72	66	09	02		013	317 84	CG
SA	2252	CLR	20			168	70	64	12	05		013		CG
SA	2351	CLR	20			169	69	64	07	05		013		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 23

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	26.660	62.8	61.0	91	4	4	Sc	50												4	1	.010			00-01
01 52	26.660	62.7	61.1	92	4															4					01-02
02 50	26.660	62.1	60.1	90	3															3					02-03
03 53	26.670	61.1	59.8	93	2	2	Sc	50												2	3	.010			03-04
04 54	26.690	60.8	59.8	96	1															1					04-05
05 53	26.710	64.3	61.6	87	3															1					05-06
06 52	26.720	67.6	63.1	79	4	0	Cumu	15	1	CB	50	1	3	Ci	250	4				1	1	.050			06-07
07 54	26.730	70.3	64.9	76	2															1					07-08
08 51	26.730	73.2	64.7	64	4															3					08-09
09 53	26.730	74.4	65.1	62	6	6	CB	550	0	Ci	250	6								6	1	.010			09-10
10 54	26.730	78.1	67.7	60	6															6					10-11
11 53	26.710	77.5	66.4	57	9															9					11-12
12 52	26.690	80.4	66.5	49	9	9	Cu	550												9	8	.040			12-13
13 54	26.680	79.4	65.9	50	9															9					13-14
14 51	26.680	78.4	68.2	61	7															7					14-15
15 53	26.660	82.0	66.2	45	5	5	Cu	60												5	8	.030			15-16
16 50	26.650	83.1	66.7	43	4															4					16-17
17 55	26.650	83.6	65.4	39	3															3					17-18
18 54	26.660	81.6	66.0	45	2	2	Cu	60												2	5	.000			18-19
19 53	26.670	75.2	68.0	70	0															0					19-20
20 52	26.700	73.9	66.7	69	0															0					20-21
21 50	26.710	71.7	67.5	81	0															0	3	.050			21-22
22 52	26.710	70.4	66.0	80	0															0					22-23
23 51	26.710	68.7	65.5	85	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	63	61	X	X						X		
	0349	1	0	0	0	63	61		1								
	0949	2	0	0	0	74	61		1								
	1548	3	.20	0	0	82	74		2								
	2146	4	0	0	0	84	72		1								
	MID.	X	0	0	0	72	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.720	26.660	26.710
BAROGRAPH 64	26.675	26.720	26.660	26.710
BAR. CORR. 65	-.005	±0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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 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	61	.20	0	0	17	E	0827					5	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1302	1406			
RW	1406	1410			
RW+	1410	1418			
RW	1418	1426			
RW-	1426	1435			

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: 0935P ±2 Sec./ 1730P ±1 Sec./ ± Sec.

1553/1553

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 24

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			168	68	64	14	03		013	400	CG
SA	0153	CLR	20			169	67	63	02	04		013		CG
SA	0250	CLR	20			169	67	62	32	05		013		CG
SA	0353	CLR	20			168	67	62	06	02		013	400 67 20020 RADAT	JC
/													2015R	/
SA	0454	CLR	20			172	65	61	05	04		014		JC
SA	0553	CLR	20			175	71	59	03	10		016		JC
SA	0654	CLR	20			179	74	60	35	04		017	214	JC
SA	0752	CLR	20			176	78	57	08	04		016	FEW CU SE	JC
SA	0851	CLR	20			175	81	59	07	05		016	FEW CU SE-S AND W	JC
SA	0953	CLR	20			175	85	60	29	07		016	FEW CU ALQDS/603 1100 64	JC
SA	1052	CLR	20			172	86	53	16	06		015	FEW CU ALQDS	JC
SA	1151	CLR	20			163	88	53	17	04		013	FEW CU ALQDS	JC
SA	1254	70 SCT	20			156	89	55	20	03		011	817 1100	JC
SA	1352	70 SCT	20			148	91	53	20	07		009		JC
SA	1451	CLR	20			144	94	54	23	08		008	CB SE FEW CU ALQDS	JC
SA	1552	70 SCT	20			132	92	51	25	03		004	720 1100 94 ~~[illegible]~~ 2012	CG
SA	1657	70 SCT	20			129	93	52	24	07		003		CG
SA	1751	CLR	20			127	91	5X	01	05		003		CG
SA	1852	70 SCT	20			135	88	55	05	04		005	303 1100	CG
SA	1956	CLR	20			139	80	62	34	03		006		CG
SA	2052	CLR	20			141	78	62	03	05		006		CG
SA	2153	CLR	20			144	75	61	07	05		007	207 1008 94	CG
SA	2252	CLR	20			152	73	61	07	05		010		CG
SA	2353	CLR	20			147	72	62	05	02		008		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 24

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	26.710	68.0	65.0	86	0															0	4	.000			00-01
01 53	26.710	66.7	64.2	88	0															0					01-02
02 50	26.710	66.8	63.7	85	0															0					02-03
03 53	26.710	66.9	63.4	83	0															0	4	.000			03-04
04 54	26.720	69.5	62.0	88	0															0					04-05
05 53	26.740	71.8	63.4	66	0															0					05-06
06 54	26.750	74.2	64.8	62	0															0	2	.040			06-07
07 52	26.740	78.3	64.6	49	0															0					07-08
08 51	26.740	80.6	66.4	49	0															0					08-09
09 53	26.740	84.7	67.7	43	0	0	Cu	70												0	6	.010			09-10
10 52	26.730	85.7	64.7	33	0															0					10-11
11 57	26.710	87.9	65.4	30	0															0					11-12
12 54	26.690	88.8	66.4	31	1	1	Cu	70												1	8	.000			12-13
13 52	26.660	91.1	66.2	28	1															1					13-14
14 51	26.660	93.5	67.2	27	0															0					14-15
15 52	26.630	92.3	66.0	25	1	1	Cu	70												1	7	.060			15-16
16 57	26.620	93.0	66.7	28	1															1					16-17
17 51	26.620	91.0	65.0	24	0															0					17-18
18 52	26.640	88.0	66.5	33	1	1	Cu	70												1	3	.010			18-19
19 56	26.650	80.4	67.8	54	0															0					19-20
20 52	26.650	77.6	67.0	59	0															0					20-21
21 53	26.660	75.3	65.6	61	0	0	Cs	250												0	2	.020			21-22
22 52	26.680	73.0	65.0	66	0															0					22-23
23 53	26.670	71.7	65.0	71	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 0358		0	0		69	67										
	0358	1	0	0	0	72	67		0								
	0949	2	0	0	0	83	64		0								
	1548	3	0	0	0	94	85		0								
	2149	4	0	0	0	93	75		0								
	MID.		0	0	0	75	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0358	0951	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.740	26.630	26.660
BAROGRAPH 64	26.710	26.745	26.640	26.666
BAR. CORR. 65	±0	-.005	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	64	0	0	0	11	SW	1238					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 1001P ⊗2 Sec./ 1758P ⊗1 Sec./ ± Sec.

1751/DP 50/0900-28

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 25

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. INDICATORS (14)
SA	0054	CLR	20			147	71	60	12	05		008	003 1008	CG
SA	0154	CLR	20			143	70	58	05	05		007		CG
SA	0250	CLR	20			138	70	59	11	03		006		CG
SA	0353	CLR	20			143	69	55	35	08		008	503 69 RADAT 61149	JC
SA	0454	CLR	20			141	70	56	05	03		008		JC
SA	0553	CLR	20			144	74	56	36	06		009		JC
SA	0654	CLR	20			148	78	56	26	04		010	307 1001	JC
SA	0752	CLR	20			145	84	52	01	09		009	FEW CU SE	JC
SA	0851	CLR	20			145	85	51	02	07		009	FEW CU SE	JC
SA	0953	250 - SCT	20			144	90	54	08	04		009	603 1101 69	JC
SA	1051	250 - SCT	20			141	93	54	26	07		008	FEW CU ALQDS	JC
SA	1153	80 SCT 250 - BKN	20			137	93	54	01	05		007	TCU E AND SE	JC
SA	1254	80 SCT 250 - SCT	20			129	94	51	29	07		004	CB E TCU SE / 814 1301	JC
SA	1353	80 SCT	20			118	96	50	20	05		001	CB NE-SE MOVG N	JC
SA	1451	CLR	20			109	98	48	03	05		999	CB NE-SE MOVG N	JC
SA	1553	80 SCT	20			106	97	45	30	08		997	CB SE MOVG N / 720 1300 98 RADAT 41159	CG
SA	1654	250 SCT	20			102	97	44	27	10		996	CB SE	CG
SA	1752	250 SCT	20			100	97	40	25	08		996	CB SE	CG
SA	1853	250 SCT	20			100	92	49	28	05		996	CB E / 603 1908	CG
SA	1950	250 SCT	20			108	85	57	04	08		998	CB LTG DSNT N-E	CG
SA	2051	250 SCT	20			115	84	55	10	06		001	CB LTG DSNT NE-E	CG
SA	2153	250 SCT	20			121	84	56	06	04		003	CB LTG DSNT E / 220 1308 98	CG
SA	2253	250 SCT	20			124	83	53	11	15		004	CB LTG DSNT E-S	CG
SA	2359	E250 BKN	20			120	81	55	10	10		003	CB LTG DSNT E	CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 25

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	26.670	71.0	64.0	69	0	0	Cs	250												0	0	.010			00-01
01 54	26.660	69.9	62.3	67	0															0					01-02
02 50	26.650	70.0	63.0	69	0															0					02-03
03 53	26.660	69.0	62.1	69	0															0	5	.010			03-04
04 54	26.660	69.6	61.0	62	0															0					04-05
05 53	26.670	73.7	62.4	54	0															0					05-06
06 54	26.680	78.1	64.0	47	0	0	Ci	250												0	3	.020			06-07
07 52	26.670	83.8	63.5	33	0															0					07-08
08 51	26.670	85.3	63.5	31	0															0					08-09
09 53	26.670	90.1	66.7	30	1	0	Cu	80	1	Ci	250	1								0	6	.010			09-10
10 51	26.660	92.8	67.6	28	5															0					10-11
11 53	26.650	93.4	67.6	27	7															1					11-12
12 54	26.630	94.3	66.5	23	4	1	Cb	80	4	Ci	250	4								1	8	.040			12-13
13 53	26.600	96.0	66.5	21	1															1					13-14
14 51	26.580	98.1	66.6	19	0															0					14-15
15 53	26.570	97.0	65.0	17	1	1	Cb	80												1	7	.060			15-16
16 54	26.560	96.8	64.5	16	1															1					16-17
17 52	26.560	97.3	63.5	14	1															1					17-18
18 53	26.580	91.7	65.0	24	1	0	Cb	80	1	Cs	250	1								1	6	.010			18-19
19 50	26.580	85.0	66.5	39	1															1					19-20
20 51	26.600	84.2	65.0	36	1															1					20-21
21 53	26.620	83.6	65.4	39	1	0	Cb	80	1	Cs	250	1								1	2	.060			21-22
22 53	26.630	82.8	64.0	36	1															1					22-23
23 59	26.620	81.4	64.1	40	7															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	72	69	X	X						X		
	0349	1	0	0	0	75	69		0								
	0948	2	0	0	0	90	69		0								
	1548	3	0	0	0	98	90		0								
	2149	4	0	0	0	98	84		0								
	MID.	X	0	0	0	84	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0950	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.670	26.570	26.620
BAROGRAPH 64	26.670	26.670	26.560	26.600
BAR. CORR. 65	+.010	±0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	69	0	0	0	21	E	2223					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: 0936P ±2 Sec./ 2015P ±2 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 26

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTED INTHAGS (15)
SA	0051	250 SCT	20			117	80	55	21	05		002	CB LTG DSNT SE/803 1308	CG
SA	0151	250 SCT	20			113	78	55	05	11		001	CB LTG DSNT SE	CG
SA	0253	250 SCT	20			117	78	59	18	02		002		CG
SA	0357	140 SCT E250 BKN	20			120	79	57	09	03		003	3 03 1058 75	RD
—			—			—						—	RADAT 72147	—
SA	0452	70 SCT E140 BKN 250 BKN	20			128	74	57	31	07		005		RD
SA	0554	70 SCT 140 SCT E250 BKN	20			130	76	58	10	03		005		RD
SA	0655	70 SCT 140 SCT E250 BKN	20			135	78	59	01	03		007	210 1558	RD
SA	0751	80 SCT 140 SCT E250 BKN	20			138	81	56	03	03		007		RD
SA	0850	E100 BKN 140 BKN	20			140	83	57	30	08		008		RD
SA	0951	E100 BKN 140 BKN 250 BKN	20			144	87	56	13	09		009	CU SE/208 1178 74	RD
SA	1051	E120 BKN 140 BKN 250 BKN	20			140	86	55	11	10		008	FEW CU	RD
SA	1150	E120 BKN 160 BKN	20			132	87	56	20	05		005	TCU NE RWY SE	RD
SA	1250	E120 BKN 160 BKN	20			129	87	54	16	03		004	CB N NE MOVMT UNK RWY	RD
—			—			—						—	SE/715 1970	—
SA	1349	E120 BKN 160 BKN 250 BKN	20			121	87	56	16	05		002	CB N-E MOVMT UNK	RD
SA	1450	E120 BKN 250 BKN	20			118	89	57	19	03		001	CB N MOVG NE	RD
SA	1550	70 SCT E120 BKN 250 BKN	20			114	89	56	16	04		000	CB N-NE MOVG NE/714 1378 RADAT 71149	RD
SA	1656	70 SCT E120 BKN 250 BKN	20			110	90	58	22	03		999	CB N-NE MOVG NE	RD
SA	1759	70 SCT E120 BKN 250 BKN	20			110	89	55	17	03		999	CB N MOVG NE	RD
SA	1855	70 SCT E120 BKN 250 BKN	20			114	86	57	03	06		000	CB S MOVG NE/500 1378	RD
SA	1950	70 SCT E120 BKN 250 BKN	20			121	81	57	09	11		003	CB S MOVG NE	RD
SA	2058	70 SCT 120 SCT 250 SCT	20			127	83	61	08	07		006	DSNT LTG NW	RD
SA	2158	70 SCT	20			128	82	55	03	12		005	DSNT LTG NW/115 1070	RD
SA	2259	70 SCT	20			137	79	57	08	07		007		RD
SA	2358	70 SCT	20			137	78	57	06	07		007		RD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 26

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.610	79.6	63.8	43	2	0	CB	80	2	Cs	250	2								2	8	.010			00-01
01 51	26.600	78.1	63.0	44	1															1					01-02
02 53	26.610	76.3	65.0	56	4															4					02-03
03 57	26.620	76.7	64.1	52	7	4	Ac	140	3	Cs	E250	7								7	3	.010			03-04
04 52	26.635	74.4	63.0	54	7															7					04-05
05 54	26.640	76.0	64.2	54	8															5					05-06
06 55	26.650	78.1	65.3	51	7	2	Sc	70	2	Ac	140	9	3	Cs	E250	7				5	2	.030			06-07
07 51	26.655	81.0	64.9	43	7															5					07-08
08 50	26.660	82.9	65.8	41	7															6					08-09
09 51	26.695	86.8	66.6	36	8	0	Cu	60	6	Ac	E100	6	2	Ac	140	8	0	Cs	250	8	2	.025			09-10
10 51	26.660	85.7	65.8	36	8															7					10-11
11 50	26.640	87.0	66.6	35	9															9					11-12
12 50	26.630	86.9	65.6	33	9	0	CB	70	7	Ac	E120	7	2	Ac	160	9				9	7	.045			12-13
13 49	26.610	87.2	66.5	36	7															6					13-14
14 50	26.600	88.5	67.6	35	7															7					14-15
15 50	26.590	88.5	67.1	34	9	1	CB	70	7	Ac	E120	8	1	Cs	250	9				8	7	.070			15-16
16 50	26.580	90.0	65.9	28	9															9					16-17
17 59	26.580	88.5	66.4	32	9															9					17-18
18 55	26.590	86.0	66.8	38	9	1	CB	70	7	Ac	E120	7	2	Cs	250	9				9	5	.000			18-19
19 50	26.610	84.4	[illegible]	40	8															8					19-20
20 58	26.630	83.3	65.7	40	4															3					20-21
21 58	26.635	82.2	64.6	40	2	2	Ac	70												2	1	.045			21-22
22 59	26.650	78.7	64.5	48	3															3					22-23
23 58	26.650	78.0	64.4	49	3															3					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	81	75	X	X						X		
	0349	1	0	0	0	84	75		0								
	0945	2	0	0	0	87	74		0								
	1548	3	0	0	0	90	86		0								
	2148	4	0	0	0	90	82		0								
	MID.	X	0	0	0	82	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.675	26.580	26.630
BAROGRAPH 64	26.605	26.645	26.575	26.620
BAR. CORR. 65	+.015	+.030	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	74	0	0	0	17	NE	2136					8	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0915 Ø2 Sec./ 1656P ±2 Sec./ ± Sec.

1656A Co18 45 S18 53 27/0800 PST

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-364-008/1124

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 07 JUL 1984

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	26.640	75.5	64.5	56	3	2	AC	70	1	CS	250	3								3	0	.005			00-01
01 58	26.635	76.7	65.6	57	6															3					01-02
02 57	26.635	78.0	64.8	59	8															6					02-03
03 53	26.640	75.2	64.0	56	8	2	CB	70	4	AC	E120	6	2	CS	250	8				7	0	.006			03-04
04 49	26.650	75.6	64.1	55	8															8					04-05
05 51	26.670	73.2	64.8	70	8															8					05-06
06 51	26.700	70.8	65.0	74	10	10	CB	E70												10	2	.060			06-07
07 50	26.710	74.4	66.6	68	9															9					07-08
08 51	26.715	74.3	64.7	61	8															7					08-09
09 50	26.710	77.0	65.3	55	7	5	CB	70	2	AC	E100	7								7	0	.010			09-10
10 50	26.695	76.7	65.2	55	8															8					10-11
11 50	26.690	75.4	65.0	58	8															8					11-12
12 50	26.670	76.2	64.8	56	8	4	CB	70	4	AC	E100	8								8	8	.040			12-13
13 50	26.680	74.3	66.6	68	10															9					13-14
14 51	26.660	73.0	65.7	68	10															9					14-15
15 59	26.620	77.0	63.8	50	10	2	CB	70	8	AC	E100	10								9	8	.050			15-16
16 59	26.625	75.0	0.7	70	10															9					16-17
17 59	26.650	72.4	65.9	72	10															9					17-18
18 55	26.640	71.7	64.6	70	10	1	AC	70	5	AC	E100	6	4	CS	250	10				10	0	.020			18-19
19 55	26.640	72.0	63.6	64	10															10					19-20
20 50	26.660	72.7	62.6	59	10															10					20-21
21 57	26.665	71.3	63.0	65	10	2	AC	70	8	AC	E120	10								10	3	.025			21-22
22 59	26.665	70.2	66.0	77	10															10					22-23
23 59	26.665	71.5	63.5	66	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	78	73	X	X						X		
	0344	1	0	0	0	82	73		0								
	0943	2	T	0	0	78	70		0								
	1555	3	.03	0	0	77	73		0								
	2156	4	0	0	0	77	71		0								
	MID.	X	0	0	0	72	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1556	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.710	26.620	26.665
BAROGRAPH 64	26.62	26.695	26.600	26.645
BAR. CORR. 65	+.025	+.015	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
78	70	.03	0		24	NE	0618					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	0446	0505			
RW-	0601	0611			
RW-	1040	1108			
T	1133	1213			
RW-	1308	1514			

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: 0746 ±2 Sec./ 2359P ±2 Sec./ ± Sec.

0054/APP 002/ 0900-31ST 0353/0353

0651/19//0900-31ST 1559/78/0905-31ST

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 27 JUL 1984

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)	OP. INITIALS (14)
SA	0054	70 SCT 250 SCT	20			130	76	59	06	06		006	DSNT LTG N AND S/	
													00~~82~~1078	
SA	0158	70 SCT 250 - BKN	20			131	77	60	10	04		005	DSNT LTG N-NE	
SA	0259	70 SCT E250 BKN	20			132	75	60	03	03		005	OCNL DSNT LTG N AND SW	
SA	0353	70 SCT E120 BKN 250 BKN	20			133	75	58	04	09		005	CB N S DSTN LTG N S	
													/000 ~~73~~ 1978 73	
													RADAT 98140	
SA	0449	E70 BKN 250 BKN	20		RW-	136	76	58	04	15		007	CB E MOVG W RB46	
SA	0551	E70 BKN	20			145	73	63	03	18		009	CB NE MOVG NW LTGIC	
													REO5	
SA	0651	E70 OVC	20			154	71	62	05	17		012	RB01E11 CB NE MOVG	
													NERLY RWU NE/22000 17//	
SA	0750	E70 BKN 100 BKN 250 BKN	20			164	74	63	11	10		013	CB SW MOVG W	
SA	0851	70 SCT E100 BKN 250 BKN	20			166	74	60	03	14		014		
SA	0950	70 SCT E100 BKN	20			164	77	60	04	16		013	CB SW MOVG NW/00300	
													1370 70	
SA	1050	E70 BKN 100 BKN	20		RW-	159	77	59	07	10		012	RB40 CB SW MOVG NW	
SP	1133	E70 BKN 100 BKN	20		T				02	10		011	TB33 CB W MOVG N	
SA	1150	E70 BKN 100 BKN	20		T	156	75	60	02	10		011	REO8 TB33 CB W MOVG	
													N RWU N E SE	
SP	1213	E70 BKN 100 BKN	20						12	10		009	TE13 CB W MOVG N RWU SE	
SA	1250	70 SCT E100 BKN	20			152	76	59	04	06		009	TE13 RWU SE W/81400	
													1270	
SA	1350	70 SCT E100 OVC	20		RW-	155	74	63	11	07		010	RB08 CB SE MOVG N	
SA	1451	70 SCT E100 OVC	20		RW-	149	73	62	09	12		008	CB SE MOVG N	
SA	1559	70 SCT E100 OVC	20			131	77	59	08	06		004	CBSE MOVG N RE14/81103	
													1371 ~~87~~ ~~78~~	
SA	1659	70 SCT E100 BKN 250 OVC	20			134	75	64	12	10		004	FEW OVERA 10 HND SE	
SA	1759	70 SCT E100 BKN 250 OVC	20			145	72	63	12	14		007		
SA	1855	70 SCT E100 BKN 250 OVC	20			143	72	61	12	11		006	007 1078	
SA	1955	70 SCT E100 BKN 250 OVC	20			143	72	59	12	10		006		
SA	2050	70 SCT E100 BKN 250 OVC	20			150	72	59	13	11		008	OCNL DSNT LTG NW	
SA	2159	70 SCT E120 OVC	20			152	71	59	12	08		009	OCNL DSNT LTG NW/38	
SA	2259	E120 OVC	20			152	70	63	36	03		009		
SA	2359	E120 OVC	20			152	72	59	03	04		009		

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 28 JUL 1984

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0059	E120 OVC	20			150	70	64	01	04		008	802 107/	RD
SA	0158	E120 BKN	20			151	69	64	16	03		008		RD
SA	0258	E120 OVC	20			149	69	63	25	03		007		RD
SA	0352	E65 OVC	20		RW-	146	68	64	31	03		007	RB01/C0303 15// 68	RD
—	—		—			—						—	20068 RADAT 93137	—
SA	0450	E65 BKN 100 BKN	20			152	68	65	00	00		008	RE22 RWU NW	RD
SA	0551	E70 BKN 120 BKN	20			159	70	64	06	04		009		RD
SA	0649	E70 BKN	20			161	71	63	03	06		011	21200 1500	RD
SA	0751	E70 BKN	20			167	72	60	14	04		012		RD
SA	0850	70 SCT E100 BKN 140 BKN	20			168	74	61	25	05		013	TCU SE	RD
SA	0950	E65 BKN 100 BKN 140 BKN	20			164	75	59	33	09		012	CB E MOVG N /00300	RD
—	—		—			—						—	1970 67	—
SA	1050	70 SCT E90 BKN	20			156	78	61	26	09		010	RWU SE	RD
SA	1151	70 SCT E90 BKN	20			153	78	58	24	10		009	CB E SE MOVG NW RWU SE	RD
RS	1252	70 SCT E90 BKN 200 BKN	20		T	146	80	57	25	07		007	TB46 E CB E-SE MOVG N	RD
—	—		—			—						—	RWU SE/714 1971	—
SP	1322	70 SCT E90 BKN 200 BKN	20						21	10		007	TE20 CB E-SE MOVG N RWU SE	RD
SA	1350	70 SCT E90 BKN 200 BKN	20			143	82	58	20	08		006	TE20 CB N-S MOVG NW	RD
—	—		—									—	RWU E-SE	—
SA	1450	70 SCT E90 BKN 200 BKN	20			145	78	60	12	15		007	CB N-S MOVG N	RD
SA	1553	70 SCT E90 BKN 200 BKN	20			143	77	60	13	17		006	CBN-S MOVG N/905 1993	RD
													82 RADAT 75140	
SA	1656	70 SCT E100 BKN 200 OVC	20			145	75	59	12	15		006	CB NE-S STNRY FEW CUFRA	RD
													10 HND S	
SA	1757	70 SCT 100 SCT E250 OVC	20			147	74	56	12	15	G20	007	CB ALQDS FEW CUFRA NHND SE	RD
SA	1855	70 SCT 100 SCT E250 OVC	20			150	71	59	13	13		007	103 1176	RD
SA	1955	E120 BKN 250 BKN	20			158	70	59	13	15		010		RD
SA	2053	120 SCT 250 -BKN	20			165	69	60	14	11		012	DSNT LTG NW	RD
SA	2158	120 SCT 250 -BKN	20			170	67	62	12	12		013	DSNT LTG NW/119 1078	RD
													82	
SA	2256	120 SCT	20			169	67	61	12	10		013	DSNT LTG NW	RD
SA	2356	120 SCT	20			170	66	61	11	09		014	DSNT LTG W-NW	RD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 28 JUL 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 59	26660	70.0	64.2	74	10	10	AC	E120												10	8	.005			00-01
01 58	26660	69.4	65.4	82	7															7					01-02
02 58	26650	69.2	65.2	82	10															10					02-03
03 52	26650	68.0	65.6	88	10	10	SC	E65												10	6	.010			03-04
04 50	26660	67.7	65.8	91	9															9					04-05
05 51	26675	69.7	66.0	83	8															8					05-06
06 49	26685	71.4	65.6	75	9	9	SC	E70												9	2	.035			06-07
07 51	26700	72.0	67.0	67	9															9					07-08
08 50	26705	73.7	65.0	59	8															8					08-09
09 50	26695	75.1	64.4	57	8	6	CB	E65	2	AC	100	8	0	AC	140	8				8	0	.010			09-10
10 50	26680	77.6	66.3	56	9															9					10-11
11 51	26670	78.2	64.8	51	9															9					11-12
12 52	26655	79.8	65.0	46	9	3	CB	70	5	AC	E90	8	1	CI	260	9				8	7	.040			12-13
13 50	26645	81.9	66.2	45	8															6					13-14
14 50	26650	77.8	65.8	52	9															9					14-15
15 53	26646	77.2	65.5	55	9	3	CB	70	4	AC	*90	7	2	CI	200	9				9	7	.015			15-16
16 56	26640	74.7	63.0	54	10															10					16-17
17 57	26650	74.1	62.4	53	10															10					17-18
18 55	26650	70.5	63.0	67	10	2	CU	70	2	AC	100	4	6	CS	E250	10				10	1	.010			18-19
19 55	26675	69.6	62.9	70	9															8					19-20
20 53	26695	69.3	63.3	73	8															3					20-21
21 58	26705	67.3	63.5	82	7	3	AC	120	4	CS	250	7								2	1	.055			21-22
22 56	26705	66.6	62.6	81	3															2					22-23
23 56	26710	66.0	62.5	83	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 0343	X	.03	0	X	72	68	X	X						X		
	0343	1	.03	0	0	72	68		1								
	0942	2	T	0	0	75	67		0								
	1552	3	0	0	0	82	75		0								
	2127	4	0	0	0	77	67		0								
	MID.	X	0	0	0	67	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1553	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26650	26645	26640	26705
BAROGRAPH 64	26635	26685	26630	26685
BAR. CORR. 65	+015	+010	+010	+020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
82	66	.03	0		20	SE	*1810					9	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0301	0422			
T	1246	1320			

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: 060/ 002 Sec./ 190/002 Sec./ ± Sec.

1757/SLP 149/2359 0059/ADD DATA 802 107//0930-315T

* LAST OF SEVERAL OCCURANCES

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 JUL 1984

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0057	120 SCT	20			175	67	63	05	04		015	DSNT LTG SW-NW/307	
													1070	
SA	0159	120 SCT	20			172	66	61	10	05		015	DSNT LTG W	
SA	0254	120 SCT	20			174	65	61	13	09		015	DSNT LTG W	
SA	0356	120 SCT	20			173	65	61	12	08		013	805 1070 65 RADAT 85135	CRD
SA	0453	120 SCT	20			173	66	60	07	05		013		CRD
SA	0550	120 SCT	20			173	67	61	13	10		013		CRD
SA	0654	120 SCT	20			179	72	60	33	10		015	307 1070	CRD
SA	0750	CLR	20			182	74	60	13	04		016	FEW CU AC SE	CRD
SA	0854	CLR	20			180	77	59	05	08		016	FEW CU AC CU BLDG N-S	CRD
SA	0953	80 SCT 120 SCT	20			178	80	60	12	08		016	TCU N SE /002 1270 64	CRD
SA	1053	80 SCT	20			173	82	59	14	10		014	CB SE W STNRY TCU NW-NE	CRD
SA	1154	80 SCT	20			167	84	56	14	09		013	CB N SE W TCU NE NW	CRD
SA	1256	80 SCT 300 SCT	20			159	85	54	14	09		011	CB N SE TCU NE S-W /715	CRD
													1903	
SA	1352	80 SCT 300 SCT	20			150	88	52	25	06		008	CB NW-S TCU SW-NW	CRD
SA	1450	80 SCT	20			145	90	51	24	07		007	CB NW-S	CRD
SA	1552	E 80 BRN	20			140	87	51	11	10		006	CB S+ZZL MOUNT RWW S	
													815 190091 RADAT 70142	WRG
SA	1652	80 SCT E 250 BRN	20			135	85	54	11	10		004	CB OVHD SLWLY DSIPTING	WRG
SA	1752	80 SCT E 250 BRN	20			136	84	46	15	11		005	CB S DSIPTD CB DSNT N LTG NW	WRG
SA	1852	80 SCT 250-BRN	20			141	82	53	11	07		006	302 1201	WRG
SA	1952	80 SCT 250-SCT	20			146	80	54	12	06		007		WRG
SA	2052	250-SCT	20			149	78	56	08	05		008		WRG
SA	2152	250-SCT	20			152	77	57	14	06		010	210 1001 91	WRG
SA	2252	250-SCT	20			154	74	58	06	09		010		WRG
SA	2352	CLR	20			154	72	59	00	00		010		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 JUL 1984

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUM-MATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM-MATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.725	67.0	64.4	86	5	5	AC	120												2	3	0.020			00-01
01 59	26.720	65.5	62.8	89	2															2					01-02
02 54	26.720	65.3	62.7	89	2															2					02-03
03 56	26.710	65.2	62.3	86	3	3	AC	120												3	8	.015			03-04
04 53	26.710	66.0	62.3	82	2															2					04-05
05 50	26.710	67.2	63.0	80	2															2					05-06
06 54	26.730	71.8	64.1	67	1	1	AC	120												1	3	.020			06-07
07 50	26.740	74.2	65.0	62	0															0					07-08
08 54	26.740	77.3	65.1	53	0															0					08-09
09 53	26.735	79.7	66.5	51	1	1	CU	80	0	AC	120	1								1	0	.005			09-10
10 53	26.720	82.0	66.8	46	2															2					10-11
11 54	26.710	83.9	65.5	38	3															3					11-12
12 56	26.690	84.6	65.0	35	4	4	CB	80	0	CI	300	4								4	7	.045			12-13
13 52	26.670	87.8	64.8	29	5															4					13-14
14 50	26.660	90.4	65.2	26	4															4					14-15
15 52	26.645	87.3	64.5	29	6	6	CB	180											6	8	8	.045			15-16
16 52	26.630	85.2	64.8	34	7															6					16-17
17 52	26.640	84.3	63.8	33	7															6					17-18
18 52	26.650	82.3	63.8	37	4	3	CU	80	5	CI	250	8								4	3	.005			18-19
19 52	26.660	80.2	63.4	41	5															2					19-20
20 52	26.670	77.7	63.8	48	3															1					20-21
21 52	26.680	77.2	64.2	50	2	2	CI	250												1	2	.030			21-22
22 52	26.680	74.4	63.8	57	2															1					22-23
23 52	26.680	72.4	63.8	63	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 0353		0	0		67	65										
	0353	1	0	0	0	67	65		1								
	0950	2	0	0	0	80	64		0								
	1547	3	0	0	0	91	80		0								
	2148	4	0	0	0	88	77		0								
	MID.		0	0	0	77	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.735	26645	26680
BAROGRAPH 64	26.700	26.735	26645	26665
BAR. CORR. 65	+.010	0*	±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 SUN. RISE TO SUNSET 78	SKY COVER MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
91	64	0	0	0	21	N	1524					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: 0900P @2 Sec./ 2250 @2-Sec./ ± Sec.

*BAROGRAPH CHART CHANGED.

1752/DP52/0900-31ST

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 30

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	0052	CLR	20			152	72	58	00	00		010	400 1001	WRG
SA	0152	CLR	20			151	70	61	00	00		009		WRG
SA	0252	CLR	20			142	71	58	12	05		007		WRG
SA	0353	120 SCT 250 SCT	20			146	71	57	01	03		008	503 1071 69 RADAT 70139	CRD
SA	0453	120 SCT 250 SCT	20			150	69	58	33	03		008	TCU W SC SE	CRD
SA	0554	CLR	20			152	72	58	11	03		009	FEW SC AC CI	CRD
SA	0652	250-SCT	20			152	76	58	33	04		009	TCU S CU BLDG SE/103 1201	CRD
SA	0750	250-SCT	20			151	80	56	35	06		009	CB S CU SE W	CRD
SA	0851	80 SCT 250 SCT	20			148	84	55	30	04		009	CB S CU BLDG ALQDS	CRD
SA	0953	80 SCT 250 SCT	20			143	86	54	12	02		008	CB SE-SW MOVG NW TCU	CRD
													NW-NE RWU SE/805 1903 68	
SA	1050	80 SCT E250 BKN	20			138	88	55	11	11		006	CB OVHD ALQDS MOVG NW WD RWU SE	CRD
SA	1151	80 SCT E250 BKN	20			134	89	51	11	10		005	CB ALQDS RWU-SE	CRD
SP	1245	80 SCT E250 BKN	20		T				11	10		003	T OVHD 843 MOVG NW CB ALQDS	CRD
													RWU-SE-S	
SA	1253	80 SCT E250 BKN	20		T	128	87	55	12	08		003	T OVHD 843 MOVG NW CB ALQDS	CRD
													RWU-SE-S/715 1903	
SP	1312	80 SCT E250 BKN	20						11	12		003	TE10 CB OVHD ALQDS MOVG NW	CRD
SA	1354	80 SCT E250 BKN	20			123	90	51	17	10		002	TE10 CB S-W NW-E RWU W	CRD
SA	1450	80 SCT E250 BKN	20			118	92	53	24	10		001	CB ALQDS RWU NW	CRD
SA	1552	80 SCT E250 BKN	20			113	89	53	24	09		998	CB ALQDS RWU SW 714	
													1903 92 RADAT 63146	WRG
SA	1652	80 SCT E250 BKN	20			114	85	54	25	07		998	CB ALQDS LCL MOUNT	WRG
SA	1752	80 SCT 250-SCT	20			112	86	55	28	04		998	CB NW THRU NE MOVG N	WRG
SA	1852	80 SCT 250 SCT	20			115	82	58	00	00		999	CB DSNT NW THRU NE AND SE	
													MOVG NW 302 1903	WRG
SA	1952	80 SCT 250 SCT	20			119	79	61	04	06		000	CB DSNT NW THRU NE OCAL LTGIC	WRG
SA	2052	80 SCT 250 SCT	20			124	77	61	00	00		002	CB NW THRU NE AND S FQT LTGIC	WRG
SA	2152	E80 BKN 250 BKN	20			122	77	60	07	04		002	CB SE THRU SW AND DSNT NW THRU NE	
													MOVG N FQT LTGIC 104 1903 92	WRG
SA	2252	E80 BKN 250 BKN	20			126	76	57	04	14		003	CB N THRU SW MOVG N FQT LTGIC	
													RWU SE	WRG
SA	2352	80 SCT E250 BKN	20			130	75	55	05	15		004	CB ALQDS MOVG N FQT LTGIC	
													RWU SE	WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 30

To convert LST to GMT ADD 9 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.660	72.3	63.1	61	0	0	CI	250												0	4	.000			00-01
01 52	26.675	70.4	63.9	71	0															0					01-02
02 52	26.660	71.2	62.3	62	0															0					02-03
03 53	26.670	71.3	62.1	61	1	1	AC	120	0	CI	250	1								1	5	.010			03-04
04 53	26.670	69.1	62.0	68	1															1					04-05
05 54	26.680	72.2	63.1	62	0															0					05-06
06 52	26.680	75.8	64.3	55	1	0	CU	80	1	CI	250	1								0	1	.010			06-07
07 50	26.680	80.2	64.6	44	1															0					07-08
08 51	26.675	83.7	64.8	37	1															1					08-09
09 53	26.665	86.2	65.2	33	3	2	CB	80	1	CI	250	3								3	8	.015			09-10
10 50	26.650	88.3	66.4	32	6															5					10-11
11 51	26.640	89.1	69.9	28	6															5					11-12
12 53	26.620	87.2	66.2	34	7	5	CB	80	2	CI	250	7								7	7	.045			12-13
13 54	26.605	89.9	65.1	27	7															6					13-14
14 50	26.600	92.1	66.8	27	6															5					14-15
15 52	26.580	88.9	65.7	30	8	3	CB	80	5	CI	E150	8								6	7	.040			15-16
16 52	26.575	85.3	65.0	34	8															6					16-17
17 52	26.575	86.0	65.6	35	5															2					17-18
18 52	26.585	82.2	65.9	43	4	2	CB	80	2	CI	250	4								3	3	.005			18-19
19 52	26.595	78.6	66.8	55	4															3					19-20
20 52	26.610	76.8	66.1	57	4															3					20-21
21 52	26.610	77.0	65.9	57	7	6	CB	E80	1	CI	250	7								6	1	.025			21-22
22 52	26.620	75.7	63.4	52	7															6					22-23
23 52	26.630	75.0	62.4	50	7															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	72	69	X	X						X		
	0350	1	0	0	0	77	69		0								
	0950	2	0	0	0	89	68		0								
	1548	3	0	0	0	92	86		0								
	2148	4	0	0	0	89	77		0								
	MID.	X	0	0	0	77	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.665	26.580	26.610
BAROGRAPH 64	26.655	26.665	26.575	26.585
BAR. CORR. 65	+.015	0	+.005	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	68	0	0	0	24	N	2200					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1243	1310			

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: 0910. ± 0 Sec./ 2349 @ 0 Sec./ ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 31

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)	OBSERVATIONS (15)
SP	0020	E80 BKN 250 BKN	20		T				04	19		004	TS B18 MOVG NW RWY	
													SE-SW FQT LTG-ICCG	WRC
SA	0052	E80 OVC	20		TRW-	138	74	57	06	11		006	T OVHD B18 RB48 MOVG NW RWY	
													~~SE-SW~~ FQT LTG-ICCG 31400	
													19//	WRC
SA	0152	E80 OVC	15		TRW-	144	67	65	30	04		007	T OVHD MOVG N FQT LTG-ICCG	WRC
RS	0252	E80 OVC	20			144	68	63	05	12		007	TE35 RE45 CB N MOVG N	
													OCNL LTG ICCG	WRC
SA	0353	80 SCT E250 BKN	20			134	68	60	08	12		005	CB N-NE OCNL LTG NE/80529	CRD
													1903 66 20029 RADAT 80138	
SA	0452	250-BKN	20			135	66	62	10	13		004	FEW AC N	CRD
SA	0551	250-SCT	20			133	71	58	11	08		004	TCU SE-S CU E AC N	CRD
SA	0652	250 SCT	20			130	73	59	03	10		003	CB SE MOVG EWD/805 1901	CRD
SA	0750	CLR	20			132	75	60	03	12		003	FEW CU CI	CRD
SA	0851	CLR	20			130	79	58	04	10		003	FEW CU SE	CRD
SA	0952	CLR	20			128	81	58	03	04		003	TCU SE/400 1209 66	CRD
SA	1050	80 SCT 250 SCT	20			127	85	54	09	03		003	TCU ALQDS	CRD
SP	1120	80 SCT 250 SCT	20		T				26	08		003	TE B18 MOVG NWD RWY E	CRD
SA	1150	80 SCT 250 SCT	20		T	121	88	48	19	03		002	TE B18 MOVG NWD CB W TCU	CRD
													NW-N RWY E	
SA	1256	80 SCT 250 SCT	20		T	109	89	58	13	11		998	TE MOVG N CB ALQDS RWY E	CRD
													/814 1903	
SP	1307	80 SCT 250 SCT	20						13	09		998	TE05 CB ALQDS RWY N E	CRD
SA	1354	80 SCT 250 SCT	20			107	89	57	12	12		996	CB ALQDS	CRD
SA	1450	80 SCT 250 SCT	20			101	90	56	09	03		995	CB ALQDS RWY SE	CRD
RS	1552	E80 BKN 250 BKN	20		TRW-	100	83	57	15	22G	32	994	TB38 RB45 TOVHD MOVG N	
													FQT LTGCG 71400 1903	
													91 RADAT 55143	WRC
RS	1652	E80 BKN 250 BKN	20			104	81	60	30	05		994	RE15 TE35 MOVD N CB	
													ALQDS MOVG N RWY N	WRC
SA	1752	80 SCT E250 BKN	20			101	80	62	11	07		994	CB W THRU N MOVG N RWY W	WRC
SA	1852	80 SCT E250 BKN	20			102	79	60	35	04		994	CB ALQDS MOVG N RWY NW	
													40004 1903	WRC
SA	1952	80 SCT 250-SCT	20			105	76	64	04	05		995	CB DSNT N MOVG N	WRC
SA	2052	80 SCT 250-SCT	20			105	76	62	08	06		996	CB N MOVG N CB DSNT SW OCNL	
													LTG-IC	WRC
SA	2152	80 SCT 250-SCT	20			106	74	65	07	06		997	CB DSNT S OCNL LTGIC 20804	
													1903 91	WRC
SA	2252	80 SCT	20			109	73	64	36	05		997	CB S DSIPTD	WRC
SA	2352	80 SCT	20			111	72	63	34	06		998		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1984 JUL 31

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	26650	74.2	63.0	55	10	10	CB	E80												10	3	.040			00-01
01 52	26660	67.2	65.4	91	10															10					01-02
02 52	26660	68.0	64.6	84	10															10					02-03
03 53	26635	68.0	62.6	75	8	1	CB	80	7	Ci	E250	8								7	8	.015			03-04
04 52	26630	66.4	63.4	85	7															3					04-05
05 51	26630	70.8	62.5	64	5															2					05-06
06 52	26620	72.5	63.5	62	3	0	CB	80	3	Ci	250	3								2	8	.015			06-07
07 50	26620	75.1	65.2	60	0															0					07-08
08 51	26620	78.5	65.2	50	0															0					08-09
09 52	26620	81.2	66.0	46	0	0	Cu	80	0	Cc	250	0								0	4	.000			09-10
10 50	26620	85.2	64.8	34	1															1					10-11
11 50	26610	89.7	63.3	26	2															2					11-12
12 56	26580	88.8	68.2	36	3	2	CB	80	1	Ci	250	3								3	8	.040			12-13
13 54	26560	88.9	67.5	34	2															2					13-14
14 50	26550	89.9	67.2	31	2															2					14-15
15 52	26540	83.0	66.0	42	8	7	CB	E80	1	Ci	250	8								8	7	.040			15-16
16 52	26540	80.6	66.9	50	7															6					16-17
17 52	26540	80.3	67.5	53	7															6					17-18
18 52	26540	79.2	66.9	52	7	3	CB	80	4	Ci	E250	7								6	4	.000			18-19
19 52	26550	76.3	67.8	66	5															2					19-20
20 52	26555	76.0	66.2	61	4															2					20-21
21 52	26565	73.8	68.0	75	2	1	CB	80	1	Ci	250	2								1	2	.025			21-22
22 52	26570	73.3	65.9	71	2															2					22-23
23 52	26575	71.7	66.0	75	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		.29	0		75	66										
	0348	1	.29	0	0	77	66		2								
	0948	2	0	0	0	82	66		1								
	1548	3	T	0	0	91	61		0								
	2148	4	.04	0	0	83	74		1								
	MID.		0	0	0	74	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.635	26.620	26.540	26.565
BAROGRAPH 64	26.620	26.610	26.525	26.545
BAR. CORR. 65	+.015	+.010	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	66	0.33	0	0	34	SE	1553					3	54		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	0018	0235			
RW-	0040	0245			
T	1118	1305			
T	1538	1635			
RW-	1545	1615			

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 ± 0 Sec./ 2354 ± 1 Sec./ ± Sec.

0052/0052

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124