WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: April

YEAR: 1982

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED (knots)	Peak Speed SPEED (knots)	DIRECTION	~~SUNSHINE~~ TOTAL (Min.)	~~PER CENT OF POSSIBLE~~ Ave. Stn. Pressure	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	51	35	43		22		.14			13.8	32	S	26.3	63	9	R, RW	56	85	52	86
2	56	30	43		22					7.6	25	SW	26.6	18	4		97	65	32	39
3	62	36	49		16					8.6	28	S	26.5	60	10		74	38	27	28
4	67	45	56		9					12.5	27	SW	26.5	18	0		49	31	16	28
5	65	43	54		11					11.3	29	S	26.5	14	8		36	30	20	25
6	60	43	52		13					18.8	41	S	26.3	75	9		18	23	26	39
7	56	32	44		21					6.8	16	SW	26.5	59	0		46	22	14	25
8	62	37	50		15					6.8	21	SW	26.5	96	10		38	17	13	38
9	67	42	55		10					6.8	17	SW	26.6	38	10		35	23	14	43
10	71	42	57		8					7.3	24	S	26.6	81	10		53	24	42	54
11	70	53	62		3		.14			19.9	45	S	26.5	70	10	RW	56	55	74	64
12	70	52	61		4					14.5	30	SW	26.5	75	1		43	44	26	45
13	72	44	58		7					9.0	29	SW	26.5	45	2		61	41	18	32
14	70	45	58		7					9.3	23	SW	26.4	54	0		46	38	25	39
15	72	43	58		7					8.5	24	SW	26.4	23	0		62	38	10	9
16	68	45	57		8					9.2	30	NE	26.6	20	0		29	21	14	28
17	73	45	59		6					6.1	17	SE	26.6	33	0		30	16	10	25
18	77	45	61		4					7.3	24	W	26.6	65	0		38	19	10	14
19	72	50	61		4					12.3	25	NE	26.6	78	3		15	14	10	17
20	60	41	51		14					16.8	28	NE	26.8	01	0		27	21	11	17
21	67	37	52		13					14.0	30	NE	26.8	04	0		16	8	6	10
22	72	47	60		5					10.5	24	NE	26.7	11	1		11	8	12	33
23	75	43	59		6					8.6	18	SW	26.6	34	0		54	29	9	14
24	78	52	65							7.8	24	SW	26.5	65	7		28	22	12	24
25	80	48	64		1					7.5	23	SW	26.5	28	5		40	25	10	21
26	78	51	65							7.0	19	SW	26.5	28	5		49	25	16	28
27	82	49	66			1				6.8	17	SW	26.5	88	1		48	25	17	30
28	86	51	69			4				8.2	28	SW	26.5	05	1		40	22	15	25
29	78	58	68			3				10.9	31	NW	26.5	16	10		35	22	17	26
30	83	58	71			6				9.5	25	SE	26.5	19	2		21	15	21	31
31																				
SUM	2100	1342	—	—	236	14	.28	0	—	304.0	—	—	797.2	84	118	—	1251	866	599	937
AVG	70.0	44.7	—	—	—	—	—	—	—	10.1	FASTEST	DIRECTION	~~POSS SHINE~~	~~%~~		—	41.7	28.9	20.0	31.2
										MISC. →	45	S	26.5	76	3.9	—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 57.4

DEPARTURE FROM NORMAL —

HIGHEST 86 ON 28

LOWEST 30 ON 2

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 2

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 236

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 3008

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 14

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 14

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .28 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily .14 ON 1, 11

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HRS.~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 17

PARTLY CLOUDY (Scale 4–7) 4

CLOUDY (Scale 8–10) 9

WITH 0.01 INCH OR MORE PRECIP. 2

WITH 0.10 INCH OR MORE PRECIP. 2

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

R = RAIN

RW = RAINSHOWER

MAXIMUM PRECIPITATION

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

Station Pressure

HIGHEST ~~SEA LEVEL~~ 26.910 IN. ON 21

LOWEST ~~SEA LEVEL~~ 26.290 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 (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 1

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0044	E120 BKN 200 OVC	20			070	48	33	22	16	G24	977	617 1071	JC
SA	0145	E100 BKN 200 OVC	20			059	47	34	22	16	G25	976		JC
SA	0243	E100 OVC	20			059	46	33	20	20	G30	976		JC
SA	0347	M90 OVC	20			056	45	31	19	15		974	614 107/45 RADAT 62069	[illegible]
SA	0445	M45 BKN 90 OVC	20			050	46	31	25	12		972	WND SHFTNG GRDLY	[illegible]
SA	0546	M40 OVC	20			045	48	27	19	15	G23	971		[illegible]
SA	0647	M35 OVC	20			046	47	29	21	13	G23	971	610 15//	[illegible]
SA	0746	M30 OVC	20			042	46	31	20	14	G21	970	RWU NW SWU SE	[illegible]
SP	0805	M25 OVC	20		R-				21	10		970	VSBY NW 5	[illegible]
SA	0848	10 SCT M25 OVC	10		R-	049	44	37	22	14	G22	971	RB03	[illegible]
SA	0947	10 SCT M22 OVC	15		R-	047	42	38	19	18	G26	970	80304 15// 42	[illegible]
SP	1040	7 SCT M17 OVC	5		R-				19	20	G28	972	R- OCNLY R	[illegible]
SA	1046	7 SCT M17 OVC	5		R-	056	40	38	19	17	G25	972	R- OCNLY R	[illegible]
SP	1103	5 SCT M15 OVC	3		R				22	22	G29	972		[illegible]
SP	1135	15 SCT M30 OVC	20						20	18	G28	971		[illegible]
SA	1146	15 SCT M30 OVC	20			051	40	35	18	17	G26	970	RE30	[illegible]
SA	1245	15 SCT M40 OVC	20			045	42	30	20	15	G25	969	80510 15//	[illegible]
SA	1345	20 SCT E40 BKN 200 OVC	20			047	43	32	21	16	G24	969		[illegible]
SA	1445	20 SCT E40 BKN 200 BKN	20			051	45	32	19	17	G24	971	SWU NW	[illegible]
SA	1548	E40 BKN 200 BKN	20			051	45	28	24	06		970	SWU NW thru N 00510	-
													1201 48 RADAT 71055	WRG
SA	1646	E40 BKN	20			058	45	29	21	12		972	SWU N	WRG
SA	1746	E40 BKN 140 BKN 200 BKN	20			057	43	28	25	07		972	SWU NW	WRG
SA	1848	E40 BKN	20			066	42	28	18	08		974	214 1400	WRG
SA	1948	E40 OVC	20			079	40	29	03	12		978	BINOVC OCHD SWU NW	WRG
SA	2048	E40 OVC	20		RW-	098	36	32	04	17		982	RB34	WRG
SA	2148	E40 BKN	20			108	35	31	03	17		984	RE15 23000 1400 53	WRG
SA	2248	40 SCT	20			116	36	32	07	09		986		WRG
SA	2348	40 SCT	20			124	35	32	08	08		988		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related station observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ $7RRR_{rs}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B (2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 1

To convert LST to GMT ADD 8 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 44	26.400	48.2	40.9	54	10	7	AC	E120	3	Ci	200	10								9	6	.050			00-01
01 45	26.370	47.2	40.8	59	10															10					01-02
02 43	26.370	46.2	40.1	60	10															10					02-03
03 47	26.360	45.4	38.8	56	10	10	AC	M90												10	6	.040			03-04
04 45	26.340	45.5	39.0	57	10															10					04-05
05 46	26.330	47.9	39.0	45	10															10					05-06
06 47	26.330	47.1	39.3	50	10	10	SC	M35												10	6	.030			06-07
07 46	26.320	46.3	39.5	55	10															10					07-08
08 48	26.330	43.5	40.1	76	10															10					08-09
09 47	26.320	42.3	40.3	85	10	4	CUFRA	10	10	SC	M22	10								10	8	.010			09-10
10 46	26.340	40.4	39.1	90	10															10					10-11
11 46	26.320	39.7	37.5	83	10															10					11-12
12 45	26.305	42.2	37.0	62	10	2	CUFRA	15	10	SC	M40	10								10	8	.025			12-13
13 45	26.310	42.5	37.6	65	10															9					13-14
14 45	26.330	44.9	39.0	60	7															7					14-15
15 48	26.320	44.9	37.6	52	8	8	CU	E40	2	Ci	200	8								7	0	.015			15-16
16 46	26.340	44.7	37.9	54	8															8					16-17
17 46	26.340	43.3	36.8	55	7															7					17-18
18 48	26.360	42.3	36.1	56	7	7	SC	E40												7	2	.040			18-19
19 48	26.390	39.8	35.2	65	10															9					19-20
20 48	26.430	35.8	34.0	84	10															10					20-21
21 48	26.450	34.8	33.2	86	6	6	Sc	E40												6	2	.090			21-22
22 48	26.470	35.8	34.0	84	5															5					22-23
23 48	26.485	35.4	33.9	87	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		51	45										
	0343	1	0	0	0	55	45		0								
	0943	2	.04	0	0	48	42		1								
	1543	3	.10	0	0	47	40		0								
	2143	4	T	0	0	47	35		1								
	MID.		0	0	0	36	35										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.360	26.320	26.320	26.450
BAROGRAPH 64	26.360	26.320	26.320	26.455
BAR. CORR. 65	0	*0	±0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
51	35	.14	0	0	32	5	1317					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0803	1101			
R	1101	1115			
R-	1115	1130			
RW-	2034	2115			

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: 0624 -1 SEC 2350 -1 sec

* BAROGRAPH CHART CHANGED

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 2

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0046	40 SCT	20			127	35	32	11	03		990	217 1400	WRC
SA	0146	40 SCT	20			131	35	32	30	04		991		WRC
SA	0246	22 SCT	20			139	33	31	03	03		993		WRC
SA	0347	22 SCT	20			144	30	29	12	03		994	214 1500 30 20014	WRC
—	—												RADAT 90044	—
SA	0445	CLR	20			156	30	29	04	04		997		WRC
SA	0545	CLR	20			171	30	29	21	04		002	F BNK NW AND NE	WRC
SA	0644	CLR	20			184	32	31	12	03		005	F BNK W-NW / 234	WRC
—	—												1500	—
SA	0744	CLR	20			189	37	34	05	03		007	F BNK W-NW	WRC
SA	0844	20 SCT	20			189	40	30	35	05		007	F BNK NW	WRC
SP	0941	E20 BKN	20						32	05		009		WRC
SA	0948	E20 BKN	20			197	42	32	31	07		009	214 1500 30	WRC
SP	1043	25 SCT	20						21	08		009		WRC
SA	1049	25 SCT	20			193	45	28	24	11		009		WRC
SA	1145	30 SCT	20			193	49	29	25	09		009		WRC
SA	1247	CLR	20			181	52	28	24	11		007	807 1501	WRC
SA	1347	40 SCT 300 SCT	20			174	54	27	25	13	G20	005		WRC
SA	1450	300-SCT	20			166	54	26	21	14	G21	003		WRC
SA	1548	50 SCT 300 - BKN	20			169	55	26	22	14	G23	003	614 1404 56 RADAT 69073	WRC
SA	1648	280 - BKN	20			166	53	28	21	14	G23	002		WRC
SA	1748	250 - OVC	20			174	50	29	21	12	G20	004		WRC
SA	1848	250 - OVC	20			174	49	25	24	10		004	103 1004	WRC
SA	1948	250 - OVC	20			172	49	24	22	12		004		WRC
SA	2048	250 - OVC	20			174	48	26	20	09		005		WRC
SA	2145	E250 OVC	20			168	49	26	26	06		004	000 1007 56	WRC
SA	2248	160 SCT E250 OVC	20			167	47	28	25	04		004		WRC
SA	2348	160 SCT E250 OVC	20			166	45	30	03	04		004		WRC

FMT IV: III. NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dgopp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sC_hh_s$ $9S_pS_ososp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

and case format FMT IV, is entered on line following related aviation observation.

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 2

To convert LST to GMT ADD 4 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 46	26.500	35.4	34.0	87	4	4	SC	40												4	2	.050			00-01
01 46	26.510	34.7	33.5	90	3															3					01-02
02 46	26.530	32.6	32.0	94	2															2					02-03
03 47	26.540	30.1	29.9	97	2	2	SC	22												2	2	.040			03-04
04 45	26.570	29.7	29.7	99	0															0					04-05
05 45	26.610	29.6	29.5	98	0															0					05-06
06 44	26.640	32.1	31.8	97	0	0	SC	20												0	2	.100			06-07
07 44	26.660	36.7	35.3	88	0															0					07-08
08 44	26.660	39.8	35.7	68	5															5					08-09
09 48	26.680	42.4	37.6	65	6	6	SC	E20												6	2	.040			09-10
10 49	26.680	44.9	37.7	52	4															4					10-11
11 45	26.680	48.6	40.0	47	1															1					11-12
12 47	26.660	52.0	41.3	39	0	0	SC	30	0	CI	300	0								0	8	.020			12-13
13 47	26.640	53.8	42.0	36	1															1					13-14
14 50	26.620	54.4	42.0	33	4															2					14-15
15 48	26.620	55.0	42.2	32	8	1	SC	50	8	CI	300	8								3	6	.040			15-16
16 48	26.610	53.4	42.0	37	9															4					16-17
17 48	26.630	50.3	40.7	43	10															5					17-18
18 48	26.630	48.5	38.7	40	10	10	CI	250												5	1	.010			18-19
19 48	26.630	48.7	38.5	38	10															5					19-20
20 48	26.640	48.4	39.0	42	10															5					20-21
21 45	26630	49.3	39.2	39	10	10	CS	E250												7	0	.000			21-22
22 48	26630	47.2	38.9	47	10															8					22-23
23 48	26630	45.4	38.5	54	10															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	35	30	X	X						X		
	0343	1	0	0	0	36	30		1								
	0944	2	0	0	0	42	30		1								
	1544	3	0	0	0	56	42		0								
	2141	4	0	0	0	56	48		0								
	MID.	X	0	0	0	50	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.680	26.620	26630
BAROGRAPH 64	26.540	26.670	26.620	26620
BAR. CORR. 65	0	+.010	± 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
56	30	0	0	0	25	SW	1614					4	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 -1 SEC 0651 -1 SEC 2352

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 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 (100-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	160 SCT E 250 OVC	20			162	43	32	00	00		003	803 105 87	WRG
SA	0148	160 SCT E 250 OVC	20			159	43	32	36	06		002		WRG
SA	0250	160 SCT 250 - BKN	20			159	41	31	05	05		002	7	WRG
SA	0348	200-OVC	20			154	39	32	34	03		001	707 1008 39 RADAT 20104	[illegible]
SA	0445	150 SCT 200 - OVC	20			154	38	31	03	06		999		[illegible]
SA	0546	200 - OVC	20			159	36	32	09	05		001		[illegible]
SA	0648	200-OVC	20			166	39	33	00	00		003	307 1077	[illegible]
SA	0749	200-OVC	20			157	46	33	07	03		002		[illegible]
SA	0844	200-OVC	20			161	49	27	21	04		003		[illegible]
SA	0946	200-OVC	20			159	53	28	18	03		003	500 1007 36	[illegible]
SA	1044	200-OVC	20			155	55	30	15	09		002		[illegible]
SA	1146	200 - OVC	20			143	60	28	21	15	G24	999		[illegible]
SA	1243	E200 OVC	20			135	61	30	23	19	G25	996	820 1007	[illegible]
SA	1346	E200 OVC	20			131	60	24	20	19	G27	995		[illegible]
SA	1450	E200 OVC	20			128	61	27	20	13	G19	994		[illegible]
SA	1548	E140 BKN 200 OVC	20			125	60	26	19	10	G18	993	710 1057 62 RADAT 24106	WRG
SA	1648	E140 BKN 200 BKN	20			119	60	26	19	10	G18	991		WRG
SA	1748	140 SCT E 200 BKN	20			116	59	26	19	12		990		WRG
SA	1848	140 SCT E 200 BKN	20			109	58	24	19	13	G28	988	714 1058	WRG
SA	1948	E140 BKN 200 OVC	20			108	57	25	20	12		988		WRG
SA	2048	140 SCT E 200 BKN	20			111	56	27	19	10		990		WRG
SA	2145	140 SCT 200 - BKN	20			106	55	23	19	09		988	000 1058 62	WRG
SA	2248	140 SCT 200 - SCT	20			101	54	23	20	09		987		WRG
SA	2348	200 - SCT	20			098	54	20	23	11	G18	987		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: III Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 8

To convert LST to GMT ADD 8 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 48	26.620	43.1	37.9	63	10	2	AC	160	10	CS	E250	10								8	8	.010			00-01
01 48	26.610	42.6	37.7	65	10															8					01-02
02 50	26.610	41.3	36.9	67	9															4					02-03
03 48	26.600	39.3	36.0	74	10	10	CS	200												4	7	.020			03-04
04 45	26.590	37.9	35.0	77	10															3					04-05
05 46	26.600	36.4	34.3	82	10															4					05-06
06 48	26.620	39.3	36.3	76	10	0	AC	130	10	CS	200	10								3	3	.020			06-07
07 49	26.610	46.2	40.1	60	10															2					07-08
08 44	26.620	48.8	37.2	42	10															3					08-09
09 46	26.620	52.9	41.7	38	10	10	CS	200												3	5	.000			09-10
10 44	26.610	54.7	43.3	39	10															4					10-11
11 46	26.585	57.7	45.0	30	10															4					11-12
12 43	26.560	60.9	46.2	31	10	10	CS	E200												7	8	.060			12-13
13 46	26.550	60.1	44.1	25	10															8					13-14
14 50	26.540	60.6	45.0	27	10															9					14-15
15 48	26.530	60.3	44.7	27	10	6	AC	E140	4	CS	200	10								9	7	.030			15-16
16 48	26.510	60.3	44.8	27	9															8					16-17
17 48	26.500	58.7	43.9	28	9															7					17-18
18 48	26.490	58.2	43.2	27	9	5	AC	140	4	CS	E200	9								7	7	.040			18-19
19 48	26.490	57.2	43.0	29	10															8					19-20
20 48	26.500	56.1	42.9	32	9															7					20-21
21 45	26.490	55.0	41.3	28	7	1	AC	140	6	CS	200	7								3	0	.000			21-22
22 48	26.480	53.6	40.8	30	5															2					22-23
23 48	26.480	53.7	40.0	27	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	45	39	X	X						X		
	0344	1	0	0	0	50	39		0								
	0942	2	0	0	0	53	36		0								
	1544	3	0	0	0	62	53		0								
	2141	4	0	0	0	61	55		0								
	MID.	X	0	0	0	56	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0942	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.530	26.490
BAROGRAPH 64	26.590	26.610	26.525	26.490
BAR. CORR. 65	+.010	+.010	+.005	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	36	0	0	0	28	5	1845					9	9		

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 - 2 SEC 0848 / 2317 -2 Sec

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION WSMO, DESERT ROCK, N

DATE 1982 APR 4

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (3)	VISIBILITY (MILES) SURFACE (4)	VISIBILITY (MILES) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	200 SCT	20			099	50	26	24	12		987	603 1008	WRG
SA	0148	CLR	20			098	50	23	23	12		986		WRG
SA	0250	CLR	20			096	49	26	25	11		986		WRG
SA	0346	CLR	20			106	47	29	25	11		988	303 47 RADAT 28098	MR
SA	0444	CLR	20			108	46	30	24	13		989		MR
SA	0547	CLR	20			113	45	31	26	10		990	FEW Cl	MR
SA	0648	CLR	20			116	48	32	24	10		991	308 1002	MR
SA	0745	CLR	20			118	52	29	23	16	G21	992	Cl SE-SW	MR
SA	0846	CLR	20			123	54	28	24	17	G23	994	Cl SE-SW	MR
SA	0949	CLR	20			126	56	26	23	14	G23	995	212 1102 465	MR
SA	1046	CLR	20			123	58	26	23	17	G23	994	Cl SE-SW	MR
SA	1147	CLR	20			114	60	24	23	14	G22	992	Cl SE-SW	MR
SA	1245	CLR	20			112	62	20	24	11	G24	991	714 1001	MR
SA	1346	CLR	20			102	62	19	26	10	G22	988	Cu NW Cl S-SW	MR
SA	1450	CLR	20			099	65	19	20	11		987	Cu NW	MR
SA	1550	CLR	20			096	65	18	20	08		987	714 1101 67 RADAT 44090	HS
SA	1648	CLR	20			097	64	20	19	17		987	Cu NW Cl SW	HS
SA	1749	250-SCT	20			094	62	20	19	15		986		HS
SA	1848	250-SCT	20			101	59	22	18	07		988	303 1001	HS
SA	1948	250-SCT	20			108	57	23	02	09		990		HS
SA	2047	CLR	20			121	56	24	25	12		994		HS
SA	2149	CLR	20			130	55	22	02	14		997	127 67	HS
SA	2249	250-SCT	20			139	52	20	02	11		999		HS
SA	2348	250-SCT	20			142	49	19	04	17		000		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 4

To convert LST to GMT ADD 8 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 48	26.480	50.2	39.9	39	1	1	CS	200												1	6	.010			00-01
01 48	26.470	50.2	39.0	35	0															0					01-02
02 50	26.470	48.9	39.1	41	0															0					02-03
03 46	26.490	47.4	39.4	49	0															0	3	.010			03-04
04 44	26.495	46.0	38.9	53	0															0					04-05
05 47	26.505	45.0	38.8	58	0															0					05-06
06 48	26.515	48.0	40.5	53	0	0	Ci	250												0	3	.025			06-07
07 45	26.525	51.5	41.3	42	0															0					07-08
08 46	26.510	54.2	42.5	37	0															0					08-09
09 49	26.550	56.0	42.6	31	0	0	Cu	60	0	Ci	250	0								0	2	.035			09-10
10 46	26.510	57.9	43.5	29	0															0					10-11
11 47	26.520	60.3	44.3	25	0															0					11-12
12 45	26.510	61.6	43.9	26	0	0	Ci	250												0	7	.040			12-13
13 46	26.490	62.3	44.0	19	0															0					13-14
14 50	26.480	64.8	45.2	17	0															0					14-15
15 50	26.470	64.8	45.0	16	0	0	Cu	60	0	Ci	250	0								0	7	.040			15-16
16 48	26.470	64.3	45.1	18	0															0					16-17
17 49	26.460	62.0	44.1	20	1															0					17-18
18 48	26.480	59.0	43.1	24	3	3	Ci	250												0	3	.010			18-19
19 48	26.500	57.1	42.5	27	1															0					19-20
20 47	26.540	56.3	42.2	28	0															0					20-21
21 49	26.560	54.7	41.0	28	0															0	1	.080			21-22
22 49	26.580	52.2	39.3	28	1															0					22-23
23 48	26.590	49.1	37.4	30	1															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	54	47	X	X						X		
	0342	1	0	0	0	56	47		0								
	0943	2	0	0	0	57	45		0								
	1545	3	0	0	0	67	56		0								
	2144	4	0	0	0	65	55		0								
	MID.	X	0	0	0	55	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.550	26.470	26.560
BAROGRAPH 64	26.475	26.570	26.475	26.570
BAR. CORR. 65	+.015	+.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
67	45	0	0	0	27	SW	1204					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 -2 SEC 0554P 2250P - ON TIME

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 5

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (6)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Knots (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0049	CLR	20			150	48	20	03	13		002	217 1001	HS
SA	0148	250 - BKN	20			146	46	20	04	14		001		HS
SA	0250	E250 BKN	20			141	46	19	04	15		000		HS
SA	0347	200 - OVC	20			145	44	19	04	10		000	505 1057 44 RADAT 39097	MR
SA	0447	E200 OVC	20			146	45	23	05	11		001		MR
SA	0546	E170 BKN 200 OVC	20			157	43	22	05	11		003		MR
SA	0647	E160 BKN 200 OVC	20			161	44	18	04	11		004	212 1071	MR
SA	0744	E160 BKN 200 OVC	20			162	45	18	03	09		004		MR
SA	0844	E160 BKN 220 OVC	20			158	47	18	02	07		003		MR
SA	0948	E170 BKN 220 OVC	20			153	50	20	02	06		002	807 1071 43	MR
SA	1047	E140 BKN 180 BKN 220 BKN	20			146	53	19	33	04		999		MR
SA	1145	140 SCT E180 BKN 220 OVC	20			133	57	21	26	04		996		MR
SA	1250	140 SCT 180 SCT E220 BKN	20			110	60	26	08	07		990	ACSL SE-SW PRESFR 837	MR
/							~~63~~	~~17~~	~~19~~	~~17~~	~~G24~~		1049	/
SA	1346	170 SCT E220 BKN	20			096	63	17	19	17	G24	986	ACSL SE-SW	MR
SA	1450	140 SCT E170 BKN 220 BKN	20			090	64	21	20	18	G25	984	ACSL ALQDS	MR
SA	1550	140 SCT 170 SCT E250 BKN	20			083	64	23	21	21		982	ACSL ALQDS 724 1046	/
/													65 RADAT 39097	HS
SA	1650	140 SCT 170 SCT	20			079	63	23	18	12	G24	981	ACSL ALQDS	HS
SA	1750	140 SCT 170 SCT E250 BKN	20			077	61	23	17	17		980	ACSL ALQDS	HS
SA	1848	140 SCT 250 - SCT	20			070	60	23	19	13		978	714 1031	HS
SA	1947	250 - SCT	20			077	58	22	19	14		980		HS
SA	2049	250 - SCT	20			077	57	24	19	17	G26	980		HS
SA	2150	250 - BKN	20			080	54	19	06	05		981	110 1006 65	HS
SA	2247	250 - OVC	20			071	55	18	22	07		979		HS
SA	2347	250 - OVC	20			070	52	19	21	07		979		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $T_gT_gg_{po}$ $6P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1982 APR 5
To convert LST to GMT ADD 8 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 49	26.610	48.1	37.0	32	0	0	Ci	250												0	2	.056			00-01
01 48	26.600	46.3	36.1	35	7															1					01-02
02 50	26.590	46.0	35.6	33	8															5					02-03
03 47	26.595	43.9	34.4	36	10	0	Ac	170	10	Cs	200	10								4	5	.015			03-04
04 47	26.600	45.1	36.2	41	10															8					04-05
05 46	26.620	42.6	34.5	43	10															9					05-06
06 47	26.630	43.6	34.0	35	10	9	Ac	E160	1	As	200	10								10	2	.035			06-07
07 44	26.630	41.8	34.7	34	10															10					07-08
08 44	26.620	46.8	35.9	31	10															10					08-09
09 48	26.610	50.4	38.2	30	10	9	Ac	120	9	Ac	E170	9	1	Ci	220	10				9	8	.020			09-10
10 47	26.590	52.8	39.4	27	9															8					10-11
11 45	26.560	57.0	41.9	25	10															8					11-12
12 50	26.500	59.9	44.6	27	8	1	ACSL	140	3	Ac	180	4	4	CC	E220	8				5	8	-.110			12-13
13 46	26.470	63.0	43.9	17	6															5					13-14
14 50	26.450	64.4	45.3	18	7															6					14-15
15 50	26.430	64.0	45.6	20	7	2	ACSL	140	2	Ac	170	4	3	Ci	E250	7				6	7	.070			15-16
16 50	26.420	62.8	45.1	21	3															3					16-17
17 50	26.410	60.7	44.1	23	7															4					17-18
18 48	26.390	60.2	44.0	24	5	1	Ac	140	4	Ci	250	5								2	7	.040			18-19
19 47	26.410	58.0	42.6	25	2															0					19-20
20 49	26.410	57.4	42.9	28	3															1					20-21
21 50	26.420	54.3	40.1	25	8	8	Ci	250												4	1	.030			21-22
22 47	26.400	54.8	40.0	23	10															5					22-23
23 47	26.400	52.4	39.1	27	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	49	44	X	X						X		
	0341	1	0	0	0	55	44		0								
	0942	2	0	0	0	51	43		0								
	1545	3	0	0	0	65	50		0								
	2145	4	0	0	0	65	54		0								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.610	26.430	26.420
BAROGRAPH 64	26.585	26.610	26.430	26.410
BAR. CORR. 65	+.010	0 *	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
65	43	0	0	0	29	5	2053					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE . SUNSET

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

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

TIME CHECK: CLOCK -2 SEC ~~SLOW~~ 0549P 2152P - ON TIME

*BAROGRAPH CHANGED AND RESET TO ZERO COR.

MF1-10B

☆ U. S. GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 6

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	250 - OVC	20			061	52	15	19	05		977	714 1001	HS
SA	0149	250 - OVC	20			059	53	11	19	15		977		HS
SA	0250	250 - SCT	20			062	52	13	19	14	G23	978		HS
SA	0348	250 - OVC	20			059	52	9	19	19	G30	976	000 1002 51 RADAT 20092	MR
SA	0448	250 - OVC	20			059	48	10	23	14	G22	976		MR
SA	0548	250 - OVC	20			065	48	12	21	11	G20	977		MR
SA	0650	250 - OVC	20			068	51	13	20	20	G28	978	305 1001	MR
SA	0744	250 - OVC	20			067	53	16	20	22	G30	978		MR
SA	0845	250 - OVC	20			073	53	20	19	24	G30	980		MR
SA	0948	250 - BKN	20			074	56	18	20	21	G31	980	205 1001 48	MR
SA	1049	250 - BKN	20			065	58	23	19	25	G33	978	Cu NW PK WND 1936/1758	MR
SA	1149	150 SCT 250 - OVC	20			064	56	22	18	30	G37	976	FEW Cu ACSL SE-S	MR
/													PK WND 1940/34	/
SA	1248	250 - BKN	20			058	58	26	18	26	G36	975	ACSL ALQDS PK WND	MR
/													2037/00 715 1141	/
SA	1349	60 SCT 140 SCT E250 OVC	20			050	58	24	22	22	G32	973	ACSL NE-SE-SW PK WND	MR
/													1737/29	/
SA	1450	140 SCT E250 OVC	20			040	58	23	21	22	G32	970	FEW Cu ACSL SE-S 5	MR
SA	1550	250 - BKN	20			029	58	23	18	21	G33	967	PKWND 1941/38 724	/
/													1101 60 RADAT 56078	HS
SA	1652	250 - BKN	20			049	55	24	20	21	G30	969	CUS ACSL SW PKWND	/
/													1936/30	HS
SA	1748	250 - BKN	20			045	52	23	20	21	G31	970	CUS NW	HS
SA	1849	250 - BKN	20			051	50	22	20	19	G30	972	217 1101	HS
SA	1950	250 - BKN	20			060	48	21	20	16	G32	974	PKWND 1938/01	HS
SA	2047	120 SCT	20			071	47	23	19	21	G31	978		HS
SA	2152	120 SCT	20			082	46	22	21	16	G25	981	227 1030 60	HS
RS	2247	50 SCT E120 BKN	20			097	43	19	03	15		986	WSHFT 35 FROPA	HS
SA	2347	E60 BKN 120 OVC	20			106	44	13	36	12		988		HS

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Ifi Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 5

To convert LST to GMT ADD 8 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 49	26.380	52.0	39.0	23	10	10	Ci	250												5	7	.040			00-01
01 49	26.380	53.0	37.7	19	10															4					01-02
02 50	26.390	52.0	37.7	21	4															1					02-03
03 48	26.380	51.5	36.6	18	10	10	Ci	250												5	0	.000			03-04
04 48	26.375	48.4	35.1	21	10															5					04-05
05 48	26.385	48.1	35.3	23	10															4					05-06
06 52	26.395	51.0	37.1	22	10	10	Ci	250												3	3	.015			06-07
07 44	26.395	52.6	38.5	23	10															4					07-08
08 45	26.410	53.3	39.6	27	10															2					08-09
09 48	26.410	55.7	40.5	23	9	9	Ci	250												2	2	.015			09-10
10 49	26.390	58.1	42.9	25	9															2					10-11
11 49	26.380	56.0	42.1	26	10															4					11-12
12 48	26.365	58.0	43.6	29	9	0	Cu	60	0	~~Ac~~	140	0	9	Ci	250	9				3	7	.045			12-13
13 49	26.350	58.0	43.1	27	10															8					13-14
14 50	26.320	58.2	43.0	26	10															6					14-15
15 56	26.290	58.2	43.0	26	7	0	Cu	60	7	Ci	250	7								2	7	.075			15-16
16 52	26.310	54.8	41.6	30	8															3					16-17
17 48	26.320	52.0	39.8	32	9															4					17-18
18 49	26.340	50.1	38.6	33	8	0	Cu	50	8	Ci	250	8								4	2	.050			18-19
19 50	26.360	47.8	37.2	35	6															2					19-20
20 47	26.390	46.8	37.0	38	2															2					20-21
21 52	26.420	45.6	36.3	39	5	5	Ac	120												5	2	.080			21-22
22 47	26.460	43.2	34.0	37	9															9					22-23
23 47	26.480	44.0	33.2	28	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	53	51	X	X						X		
	0343	1	0	0	0	55	51		0								
	0943	2	0	0	0	56	48		0								
	1545	3	0	0	0	60	56		0								
	2147	4	0	0	0	58	46		0								
	MID.	X	0	0	0	46	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1549	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.380	26.410	26.290	26.420
BAROGRAPH 64	26.375	26.400	26.290	26.415
BAR. CORR. 65	+.005	+.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
60	43	0	0	0	41	5	1538					9	9		

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 -2 SEC 0451P 2155P ON TIME

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 7

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY Miles: SURFACE (4)	VISIBILITY Miles: TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. Mbs (6)	(7)	TEMP. °F (8)	DEW PT. °F (9)	WIND DIRECTION (10-36) (9)	WIND SPEED Knots (10)	WIND CHARACTER (11)	ALTIMETER SETTING Ins. (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (14)
SA	0049	60SCT E120BKN	20			109	44	13	03	09			989	1624 1170	HS
SA	0147	120 SCT	20			114	42	17	05	06			990		HS
SA	0250	CLR	20			119	39	14	04	05			991		HS
SA	0349	CLR	20			127	35	16	04	07			993	112 35 RADAT 43055	JD
SA	0447	CLR	20			135	34	14	05	07			994		JD
SA	0546	CLR	20			148	33	14	05	07			997		JD
SA	0647	CLR	20			153	39	15	02	05			999	320	JD
SA	0748	CLR	20			159	41	14	01	10			001		JD
SA	0848	CLR	20			162	43	13	01	08			002		JD
SA	0949	CLR	20			161	46	9	01	07			002	108 32	JD
SA	1048	CLR	20			158	47	1	09	03			001		JD
SA	1147	CLR	20			150	51	4	29	06			999		JD
SA	1248	CLR	20			145	51	5	32	07			998	812 1100	JD
SA	1349	CLR	20			141	53	5	14	09			997		JD
SA	1450	CLR	20			135	54	0	24	12			995		JD
SA	1549	CLR	20			132	53	6	23	10			993	715 56 RADAT 21070	HS
SA	1647	CLR	20			132	54	1	20	09			993		HS
SA	1747	CLR	20			134	52	0	19	08			993		HS
SA	1849	CLR	20			143	49	-2	24	05			997	310 1001	HS
SA	1948	CLR	20			149	45	8	22	02			998		HS
SA	2049	250-SCT	20			150	46	10	10	05			999		HS
SA	2152	250-BKN	20			147	42	8	03	06			998	003 1001 56	HS
SA	2246	250-OVC	20			150	43	7	08	05			999		HS
SA	2348	250-OVC	20			149	40	11	01	05			999		HS

A synoptic observation, in WMO code format FM13V, is entered on line following related aviation observation.

FM13V: iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dppp $6P_0P_0P_0P_0$ $7RRR_ts$ $8N_sC_hh_s$ $9S_pS_pS_ps_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 7

To convert LST to GMT ADD 8 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 49	26.490	43.6	33.0	29	9	4	Cu	60	5	Ac	E120	9								9	1	.070			00-01
01 47	26.500	42.1	33.0	36	5															5					01-02
02 50	26.510	39.1	30.4	35	0															0					02-03
03 49	26.525	34.5	28.1	46	0															0	1	.035			03-04
04 47	26.540	33.7	27.3	45	0															0					04-05
05 46	26.565	33.0	26.7	44	0															0					05-06
06 47	26.585	39.2	30.8	37	0															0	3	.060			06-07
07 48	26.600	41.2	31.7	33	0															0					07-08
08 48	26.610	43.2	32.8	29	0															0					08-09
09 49	26.610	46.0	33.6	22	0															0	1	.025			09-10
10 48	26.600	46.8	32.9	15	0															0					10-11
11 47	26.590	51.3	35.8	14	0															0					11-12
12 48	26.575	50.9	35.7	15	0	0	Cu	50												0	8	.035			12-13
13 49	26.565	52.9	36.8	14	0															0					13-14
14 50	26.545	54.3	36.9	11	0															0					14-15
15 49	26.530	53.3	37.1	14	0															0	7	.045			15-16
16 47	26.530	53.5	36.6	11	0															0					16-17
17 47	26.530	51.8	35.5	11	0															0					17-18
18 49	26.560	49.4	34.0	11	0	0	Ci	250												0	3	.030			18-19
19 48	26.570	45.2	33.0	22	0															0					19-20
20 49	26.580	46.8	32.8	14	2															0					20-21
21 52	26.570	41.7	30.9	25	8	8	Ci	250												1	0	.010			21-22
22 46	26.580	43.0	31.4	22	10															2					22-23
23 48	26.580	40.0	30.4	30	10															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	44	35	X	X						X		
	0345	1	0	0	0	46	35		0								
	0945	2	0	0	0	46	32		0								
	1544	3	0	0	0	56	46		0								
	2147	4	0	0	0	54	41		0								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.610	26.530	26.570
BAROGRAPH 64	26.520	26.600	26.535	26.570
BAR. CORR. 65	+.005	+.010	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
56	32	0	0	0	16	SW	1448					0	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: 0725P -2SEC 2155P -2SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 8

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	0048	250-OVC	20			155	37	18	03	02		000	207 1001	HS
SA	0149	250-OVC	20			154	37	20	11	02		000		HS
SA	0250	250-OVC	20			151	37	21	30	03		999		HS
SA	0347	250-OVC	20			155	37	14	07	03		999	500 1007 37 RADAT 20071	JD
SA	0447	250-OVC	20			159	38	11	00	00		002		JD
SA	0546	E240 OVC	20			164	41	12	04	08		003		JD
SA	0647	E240 OVC	20			170	43	14	03	09		005	315 1007	JD
SA	0748	E240 OVC	20			176	46	13	03	11		006		JD
SA	0849	250-OVC	20			174	50	11	03	10		006		JD
SA	0947	250-OVC	20			175	52	9	02	05		007	107 1007 37	JD
SA	1046	250-OVC	20			170	55	9	26	03		006		JD
SA	1147	180 SCT E250 OVC	20			165	58	9	26	07		004		JD
SA	1249	E180 BKN 250 OVC	20			159	59	14	26	10		003	814 1057	JD
SA	1347	E180 BKN 250 OVC	20			150	60	9	22	12		999		JD
SA	1450	180 SCT 250-OVC	20			144	61	16	23	12		998		JD
SA	1549	180 SCT 250-OVC	20			138	61	10	23	14		996	719 1077 62 RADAT 37083	CG
SA	1656	180 SCT E250 OVC	20			138	59	11	23	13		996		CG
SA	1752	180 SCT E250 OVC	20			136	58	12	21	10		996		CG
SA	1849	180 SCT 250-BKN	20			138	54	18	18	05		996	400 1078	CG
SA	1948	250 SCT	20			141	53	15	23	02		997		CG
SA	2046	CLR	20			145	48	18	02	04		998		CG
SA	2148	CLR	20			146	46	21	04	04		998	107 1008 62	CG
SA	2249	250-SCT	20			144	44	20	03	06		998		CG
SA	2345	250-BKN	20			147	43	24	04	07		999		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hs$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1982 APR 8
To convert LST to GMT ADD 8 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 48	26.590	37.4	30.5	45	10	10	Cl	250												3	2	.020			00-01
01 49	26.590	37.4	31.0	49	10															3					01-02
02 50	26.585	36.9	31.1	53	10															3					02-03
03 47	26.590	37.1	29.2	38	10	10	Cs	250												1	5	.000			03-04
04 47	26.605	38.3	29.4	32	10															4					04-05
05 46	26.620	41.0	31.1	30	10															9					05-06
06 47	26.635	42.8	32.7	31	10	10	Cs	E240												10	3	.045			06-07
07 48	26.650	46.4	34.6	26	10															10					07-08
08 49	26.650	49.6	36.0	21	10															3					08-09
09 47	26.655	52.4	37.1	17	10	10	Cs	250												3	1	.020			09-10
10 46	26.645	55.1	38.5	15	10															3					10-11
11 47	26.630	57.8	40.0	14	10															6					11-12
12 49	26.615	59.1	41.5	17	10	6	Ac	E180	10	Cs	250	10								7	8	.040			12-13
13 47	26.590	59.9	41.0	13	10															7					13-14
14 50	26.575	61.3	42.9	17	10															3					14-15
15 49	26.560	60.9	41.7	13	10	1	Ac	180	10	Cs	250	10								3	7	.055			15-16
16 56	26.560	57.3	41.0	14	10															6					16-17
17 52	26.560	57.8	40.4	16	10															6					17-18
18 49	26.560	53.7	39.5	24	8	2	Ac	180	6	Cs	250	8								4	4	.000			18-19
19 48	26.570	52.5	38.2	22	3															2					19-20
20 46	26.580	48.1	36.5	29	0															0					20-21
21 48	26.580	45.6	36.0	38	0	0	Cs	250												0	1	.020			21-22
22 49	26.580	44.0	34.8	38	4															0					22-23
23 45	26.590	42.9	35.3	47	8															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	40	37	X	X						X		
	0344	1	0	0	0	43	37		0								
	0744	2	0	0	0	52	37		0								
	1545	3	0	0	0	62	52		0								
	2144	4	0	0	0	61	46		0								
	MID.	X	0	0	0	46	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.655	26.580	26.580
BAROGRAPH 64	26.585	26.655	26.580	26.580
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 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
62	37	0	0	0	21	SW	1422					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 1 0507P -2 SEC 2005 -2 SEC.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 9

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0052	250-BKN	20			146	44	23	25	04		999	103 1008	CG
SA	0147	250-BKN	20			147	43	22	06	05		999		CG
SA	0251	250-OVC	20			147	43	23	07	05		999		CG
SA	0349	E210 OVC	20			144	46	20	02	02		999	000 1007 42 RADAT 56080	JD
SA	0449	E210 OVC	20			147	46	20	04	12		000		JD
SA	0546	E 210 OVC	20			154	46	21	04	12		002		JD
SA	0648	E 210 OVC	20			165	49	22	04	14		005	315 1007	JD
SA	0748	210 -OVC	20			169	51	21	05	10		006		JD
SA	0847	200 SCT 250 -OVC	20			170	53	22	03	10		006		JD
SA	0948	140 SCT 250 -OVC	20			177	57	20	04	09		008	222 1077 42	JD
SA	1048	140 SCT 250 -OVC	20			173	60	20	36	05		007		JD
SA	1148	250 -OVC	20			168	62	21	26	04		006		JD
SA	1247	E240 OVC	20			164	63	22	31	05		005	810 1077	JD
SA	1348	E 240 ~~OVC~~ BKN	20			161	64	23	20	07		005		JD
SA	1450	240 -OVC	20			155	65	23	18	07		003		JD
SA	1550	240 - ~~OVC~~ BKN	20			149	67	16	27	05		002	710 1008 67 RADAT 35093	CG
SA	1648	240 - BKN	20			153	65	18	24	10		003		CG
SA	1745	240 - OVC	20			156	61	22	24	08		003		CG
SA	1846	240 - BKN	20			159	57	26	30	03		004	307 1008	CG
SA	1946	CLR	20			174	51	26	03	05		007		CG
SA	2047	CLR	20			181	50	26	02	07		010		CG
SA	2147	CLR	20			179	48	27	06	06		010	117 67	CG
SA	2245	CLR	20			179	46	30	08	03		010		CG
SA	2345	CLR	20			182	45	28	06	05		011		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{fs}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 9

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.590	43.7	35.4	43	7	7	Cs	250												2	1	.010			00-01
01 47	26.590	43.0	34.8	43	7															2					01-02
02 51	26.590	42.9	35.0	45	10															3					02-03
03 49	26.590	45.8	35.7	35	10	10	Cs	E210												6	0	.000			03-04
04 49	26.595	45.9	35.9	35	10															10					04-05
05 46	26.610	46.3	36.4	37	10															10					05-06
06 48	26.635	48.7	37.8	34	10	10	Cs	E210												9	3	.045			06-07
07 48	26.650	50.5	38.6	31	10															4					07-08
08 47	26.650	53.0	40.1	29	10															2					08-09
09 48	26.670	57.1	41.7	23	10	3	Ac	140	10	Cs	250	10								3	2	.035			09-10
10 48	26.660	59.8	43.0	21	10															3					10-11
11 48	26.650	61.7	44.1	20	10															4					11-12
12 47	26.640	62.7	44.8	21	10	0	Ac	140	10	Cs	E240	10								9	8	.030			12-13
13 48	26.635	63.6	45.4	21	9															9					13-14
14 50	26.620	64.8	46.1	20	10															2					14-15
15 50	26.610	66.6	45.5	14	7	7	Cs	240												3	7	.080			15-16
16 48	26.620	64.7	45.0	17	8															3					16-17
17 45	26.620	60.9	44.1	22	10															4					17-18
18 46	26.630	56.8	43.0	30	6	6	Cs	240												2	3	.020			18-19
19 46	26.660	50.7	40.0	38	0															0					19-20
20 47	26.680	50.2	39.8	39	0															0					20-21
21 47	26.680	48.1	39.0	43	0															0	1	.050			21-22
22 45	26.680	45.5	38.6	54	0															0					22-23
23 45	26.680	44.9	37.6	51	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	46	42	X	X						X		
	0344	1	0	0	0	46	42		0								
	0944	2	0	0	0	57	46		0								
	1546	3	0	0	0	67	57		0								
	2143	4	0	0	0	67	48		0								
	MID.	X	0	0	0	48	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.670	26.610	26.680
BAROGRAPH 64	26.600	26.670	26.620	26.680
BAR. CORR. 65	+.010	0*	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	42	0	0	0	17	SW	1455					10	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: 0525P -1 SEC 2110 OK RESET

* Barograph changed 0953P 0 corr.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 10

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

TYPE	TIME LST	SKY AND CEILING	VISIBILITY SURFACE	VISIBILITY TOWER	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS.	TEMP	DEW PT.	WIND DIRECTION	WIND SPEED	WIND CHARACTER	ALTIMETER SETTING	REMARKS AND SUPPLEMENTAL CODED DATA	OBS. INITIALS
SA	0051	250-SCT	20			187	43	29	08	03		012	307 1008	CG
SA	0145	250 SCT	20			187	43	28	07	02		012		CG
SA	0247	250 SCT	20			186	42	29	11	03		012		CG
SA	0350	120 SCT 250 -BKN	20			183	43	27	27	03		012	802 1076 42 RADAT 48107	JD
SA	0449	E120 BKN 250 BKN	20			186	43	28	21	02		012		JD
SA	0548	E120 BKN 250 BKN	20			190	46	29	36	03		013		JD
SA	0650	E120 BKN 250 BKN	20			198	49	28	08	02		015	312 1058	JD
SA	0747	E120 BKN 250 OVC	20			199	54	27	14	02		015	BINOVC SE	JD
SA	0848	120 SCT 250-OVC	20			196	58	26	09	07		015		JD
SA	0948	120 SCT 170 SCT 250-OVC	20			195	63	26	09	02		015	000 1078 42	JD
SA	1049	120 SCT E160 BKN 250 OVC	20			197	63	28	07	03		015		JD
SA	1148	120 SCT E160 BKN 250 OVC	20			184	66	31	22	03		012		JD
SA	1247	120 SCT E160 BKN 250 OVC	20			177	70	30	14	07	G19	011	815 1078	JD
SA	1347	E110 BKN 150 OVC	20			174	69	36	20	12		009		JD
SA	1450	E110 BKN 150 OVC	20			173	67	36	22	12	G23	008		JD
SA	1550	60 SCT E120 OVC	20			169	66	43	20	15		007	708 117/ 71 RADAT 74116	CG
SA	1651	E60 BKN 120 OVC	20			167	65	44	21	08		006		CG
SA	1745	E60 BKN 120 BKN	20			158	65	44	20	14	G22	004		CG
SA	1847	E60 BKN 120 BKN	20			153	63	44	19	10		003	714 1170	CG
SA	1945	E60 BKN 120 BKN	20			158	64	46	18	15		005		CG
SA	2045	E60 BKN 120 OVC	20			159	63	46	19	15		006		CG
SA	2148	M50 BKN 120 BKN	20			153	63	46	20	12		005	007 1170 71	CG
SA	2245	M50 BKN 120 BKN	20			150	61	45	21	10		004		CG
SA	2347	50 SCT E120 BKN 250 OVC	20			157	59	45	15	09		006		CG

A synoptic observation, in WMO code format FM11V, is entered on line following related surface observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S GPO 1980-0-605-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 10

To convert LST to GMT ADD 8 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	26.700	43.0	36.9	57	2	2	Cs	250												0	3	.020			00-01
01 45	26.700	42.6	36.5	56	1															1					01-02
02 47	26.700	41.7	36.1	59	1															1					02-03
03 50	26.695	43.1	36.4	53	8	1	Ac	120	7	Cs	250	8								2	8	.005			03-04
04 49	26.700	42.9	36.6	56	9															7					04-05
05 48	26.710	45.5	38.2	52	9															9					05-06
06 50	26.730	48.9	39.8	44	9	9	Ac	E120	0	Cs	250	9								9	3	.035			06-07
07 47	26.730	54.2	42.2	35	10															8					07-08
08 48	26.730	58.4	43.8	28	10															4					08-09
09 48	26.730	63.4	46.1	24	10	1	Ac	120	1	Ac	170	2	8	Cs	250	10				4	0	.000			09-10
10 49	26.730	62.8	45.9	24	10															9					10-11
11 48	26.700	66.1	48.9	27	10															8					11-12
12 47	26.685	69.7	50.1	23	10	3	Ac	120	6	Ac	E160	9	1	Cs	250	10				9	8	.045			12-13
13 47	26.675	69.2	51.9	30	10															10					13-14
14 50	26.670	67.4	51.0	31	10															10					14-15
15 50	26.660	66.1	53.0	42	10	4	Cu	60	6	Ac	E120	10								10	7	.025			15-16
16 51	26.650	64.7	53.0	47	10															10					16-17
17 45	26.630	64.6	53.1	48	9															9					17-18
18 47	26.620	63.2	52.6	50	9	6	Cu	E60	3	Ac	120	9								9	7	.040			18-19
19 45	26.640	63.5	53.3	52	9															9					19-20
20 45	26.650	63.3	53.5	54	10															10					20-21
21 48	26.640	62.7	53.1	54	9	6	Cu	M50	3	Ac	120	9								9	0	.020			21-22
22 45	26.630	61.4	52.2	55	8															8					22-23
23 47	26.650	59.4	51.3	59	10															8					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	45	42	X	X						X		
	0345	1	0	0	0	48	42		0								
	0944	2	0	0	0	63	43		0								
	1545	3	0	0	0	71	63		0								
	2143	4	0	0	0	67	63		0								
	MID.	X	0	0	0	63	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.695	26.730	26.660	26.640
BAROGRAPH 64	26.705	26.740	26.670	26.640
BAR. CORR. 65	-.010	-.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 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
71	42	0	0	0	24	5	1432					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0511P -1 SEC 2033 -1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 11

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0046	50 SCT E250 OVC	20			148	58	44	02	03		004	803 1107	CC
SA	0148	120 SCT E250 OVC	20			144	59	47	32	04		003		CC
SA	0245	120 SCT E250 OVC	20			136	62	49	21	07		001		CC
SA	0347	60 SCT 120 SCT E250 BKN	20			134	64	48	20	17		001	712 1178 58 RADAT 94/15	CRD
SA	0450	60 SCT 120 SCT E250 OVC	20			129	64	48	20	19G30		998		CRD
SA	0548	60 SCT E120 BKN 250 OVC	20			128	64	49	20	22G37		998	PK WND 1938/13	CRD
SA	0648	60 SCT E 140 BKN 250 OVC	20			124	64	49	22	22G36		997	PK WND 2041/10/808 1177	CRD
SA	0746	25 SCT 60 SCT E140 BKN 250 OVC	20		RW-	121	64	49	21	26G41		996	RB22 PK WND 2041/42	CRD
SA	0845	25 SCT 60 SCT E140 BKN 250 BKN	20			118	68	49	21	27G37		996	RE01 PK WND 2045/13	CRD
SA	0949	25 SCT 60 SCT E140 BKN 250 OVC	20			122	67	50	22	27G35		997	PK WND 2141/33/60800	CRD
/													1177 58	/
SP	1040	E25 BKN 60 BKN 140 OVC	15		RW-				21	22G33		998	RB33	CRD
SA	1050	E25 BKN 60 BKN 140 OVC	20		RW-	134	65	51	23	25G33		999	RB33 PK WND 2236/17	CRD
SA	1145	E25 BKN 250 OVC	20		RW-	138	60	54	21	17G23		000		CRD
SA	1247	E25 BKN 250 OVC	15		RW-	136	59	53	19	21G29		999	RW-CONL RW/00807 1107	CRD
SA	1345	E25 BKN 110 OVC	20		RW-	125	61	51	20	18G30		996		CRD
SA	1445	E25 BKN 110 OVC	20		RW-	121	60	52	21	20G35		995		CRD
SA	1549	E25 BKN 110 OVC	20			119	60	52	18	25G30		995	RE10 PK WND 1837/29/61214	CRD
/													115/70 RADAT 76113	/
SA	1649	E25 BKN 110 OVC	20			116	59	52	18	24G32		994		CCB
SA	1748	E25 BKN 110 ~~OVC~~ BKN	20			112	59	50	17	23G33		993	PK WND 1738/04	CCB
SA	1848	E25 BKN 110 BKN 250 BKN	20			110	58	48	18	24G35		992	710 1258	CCB
SA	1945	E25 BKN 110 BKN 250 BKN	20			117	58	44	19	23G36		994	PK WND 1936/39	CCB
SP	2025	25 SCT E110 BKN 250 BKN	20						18	17G28		996 ~~998~~	~~PK WND 1836/0349~~	CCB
SA	2048	25 SCT 110 SCT 250 SCT	20			130	57	45	20	19G28		998	PK WND 1836/0349	CCB
SA	2148	150 SCT 250 SCT	20			128	56	44	19	24G35		997	017 1038 70	CCB
SA	2245	150 SCT 250 SCT	20			130	55	39	20	18G29		997	PK WND 1836/13	CCB
SA	2348	150 SCT 250 SCT	20			121	55	36	20	22G32		994		CCB

A synoptic observation, in WMO code format FM13V, is entered on line following related aviation observation.

FM13V: iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_gT_gppp $5P_0P_0P_0P_0$ 7RRR$_{ss}$ $8N_sC_hh_sh_s$ 9SpSpspsp $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 11

To convert LST to GMT ADD 8 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 46	26.630	57.5	50.2	60	10	4	Cu	50	10	CS	E250	10								10	8	.010			00-01
01 48	26.620	59.1	52.3	65	10															10					01-02
02 45	26.600	62.0	54.1	61	10															10					02-03
03 47	26.595	63.7	54.3	56	8	3	Cu	60	2	AC	120	5	3	CS	E250	8				8	7	.035			03-04
04 50	26.580	64.3	55.0	56	10															10					04-05
05 48	26.580	63.9	55.2	59	10															10					05-06
06 48	26.570	63.8	55.0	58	10	3	Cu	60	3	AC	E140	6	4	CS	250	10				10	8	.025			06-07
07 46	26.560	64.2	55.2	58	10															10					07-08
08 45	26.560	67.7	56.8	50	8															8					08-09
09 49	26.565	67.0	56.5	55	10	1	CUFRA	25	3	Cu	60	4	2	AC	E140	6	4	CS	250	10	6	.005			09-10
10 50	26.590	64.8	56.3	60	10															10					10-11
11 45	26.595	59.8	56.0	80	10															10					11-12
12 47	26.585	58.8	55.2	81	10	7	Cu	E25	3	CS	250	10								10	0	.020			12-13
13 45	26.560	60.7	54.7	69	10															10					13-14
14 45	26.550	60.2	55.2	74	10															10					14-15
15 49	26.550	60.1	55.1	74	10	6	Cu	E25	4	AC	110	10								10	6	.035			15-16
16 49	26.540	59.3	54.8	76	10															10					16-17
17 48	26.530	59.0	53.7	72	9															9					17-18
18 48	26.520	57.5	52.1	71	9	6	Cu	E25	2	AC	110	8	1	CS	250	9				9	7	.030			18-19
19 45	26.540	57.8	50.1	59	8															8					19-20
20 48	26.560	56.9	50.2	64	4															4					20-21
21 48	26.570	55.8	49.3	64	4	2	AC	150	2	CS	250	4								3	0	.050			21-22
22 45	26.570	55.1	46.7	54	4															4					22-23
23 48	26.540	55.3	45.6	48	5															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	65	58	X	X						X		
	0342	1	0	0	0	65	58		0								
	0945	2	T	0	0	70	64		0								
	1544	3	.14	0	0	67	58		2								
	2140	4	0	0	0	62	54		1								
	MID.	X	0	0	0	57	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0945	0946	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.565	26.550	26.570
BAROGRAPH 64	26.595	26.570	26.545	26.565
BAR. CORR. 65	0	-.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	53	.14	0	0	45	S	0813					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0722	0801			
RW-	1033	1510			

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 0850 -1 SEC. / 2041P -2 SEC.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 12

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	150 SCT 250 SCT	20			121	54	34	20	18	G30	994	610 1038	008
SA	0149	150 SCT 250 SCT	20			125	54	34	20	19	G29	995		008
SA	0245	150 SCT 250 SCT	20			125	55	29	19	14	G20	995		008
SA	0349	CLR	20			127	53	31	20	17	G24	995	103 53 20014 RADAT 39104	CRD
SA	0445	CLR	20			128	53	32	22	15		996		CRD
SA	0545	CLR	20			129	52	31	22	13		996		CRD
SA	0645	CLR	20			138	55	31	21	13		998	310	CRD
SA	0746	CLR	20			145	56	32	14	07		001		CRD
SA	0845	CLR	20			147	59	35	23	15		002		CRD
SA	0947	CLR	20			151	60	38	24	18		003	214 52	CRD
SA	1045	CLR	20			148	62	36	24	17		003		CRD
SA	1146	CLR	20			141	65	36	23	20	G26	001		CRD
SA	1245	CLR	20			142	66	36	23	17	G27	002	505	CRD
SA	1346	CLR	20			133	68	35	22	16	G29	998		CRD
SA	1450	CLR	20			128	68	32	21	18	G30	997		CRD
SA	1548	CLR	20			120	68	32	22	17	G26	995	719 70 RADAT 27113	008
SA	1648	250-SCT	20			125	68	31	22	17	G23	996		008
SA	1749	250-BKN	20			123	65	31	19	12	G17	995		008
SA	1844	250-BKN	20			125	63	31	19	11		995	000 1002	008
SA	1946	E250 BKN	20			127	61	32	21	12		996		008
SA	2047	E250 BKN	20			131	60	35	21	16	G21	997		008
SA	2148	E250 BKN	20			135	57	36	20	13	G19	998	210 1002 70	008
SA	2248	E250 BKN	20			140	56	35	23	10		999		008
SA	2350	250 SCT	20			139	53	33	33	02		999		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ttt Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpsosp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 12

To convert LST to GMT ADD 8 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 47	26.540	54.1	44.4	47	5	2	AC	150	3	CS	250	5								5	6	.030			00-01
01 49	26.550	54.0	44.4	47	5															5					01-02
02 45	26.550	54.7	43.1	38	5															5					02-03
03 49	26.550	53.2	43.0	43	0															0	1	.010			03-04
04 45	26.560	53.0	43.0	44	0															0					04-05
05 45	26.560	52.1	42.2	43	0															0					05-06
06 45	26.580	54.9	43.7	40	0															0	3	.030			06-07
07 46	26.600	56.3	44.7	39	0															0					07-08
08 45	26.610	58.6	47.0	42	0															0					08-09
09 47	26.620	60.3	48.9	44	0															0	2	.040			09-10
10 45	26.615	62.1	48.8	38	0															0					10-11
11 46	26.600	64.6	50.0	35	0															0					11-12
12 45	26.605	66.0	50.3	32	0															0	5	.015			12-13
13 46	26.580	67.8	50.8	30	0															0					13-14
14 50	26.570	68.3	50.0	26	0															0					14-15
15 48	26.550	68.1	49.9	26	0															0	7	.055			15-16
16 48	26.560	67.6	49.4	25	4															1					16-17
17 49	26.550	64.6	48.3	29	8															3					17-18
18 44	26.550	62.8	47.4	30	8	8	ci	250												3	0	.000			18-19
19 46	26.560	61.3	47.1	33	9															6					19-20
20 47	26.570	59.6	47.4	40	8															6					20-21
21 48	26.580	57.2	46.6	45	8	8	ci	6250												6	2	.030			21-22
22 48	26.590	55.9	45.7	46	6															6					22-23
23 50	26.590	53.1	43.7	47	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	56	53	X	X						X		
	0344	1	0	0	0	59	53		1								
	0944	2	0	0	0	63	52		0								
	1542	3	0	0	0	70	60		0								
	2143	4	0	0	0	69	57		0								
	MID.	X	0	0	0	58	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.620	26.550	26.580
BAROGRAPH 64	26.550	26.615	26.560	26.580
BAR. CORR. 65	0	+.005	-.010	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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	52	0	0	0	30	SW	1440					1	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 1130P -2SECS / 2305P -2SECS.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 APR 13

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	250 SCT	20			137	53	31	33	04		999	103 1002	008
SA	0148	250 SCT	20			137	53	32	14	02		999		008
SA	0245	250 SCT	20			135	48	34	36	06		998		008
SA	0348	CLR	20			140	48	35	34	03		999	500 47 RADAT 20114	CRD
SA	0446	CLR	20			143	44	35	34	05		000	CI ALQDS	CRD
SA	0545	CLR	20			148	45	35	33	05		002	CI NW	CRD
SA	0645	250 SCT	20			152	50	36	35	07		003	210 1005	CRD
SA	0745	250-SCT	20			151	52	35	36	04		003		CRD
SA	0846	250-SCT	20			152	56	34	29	03		004		CRD
SA	0946	250-SCT	20			151	58	34	20	06		003	500 1005 44	CRD
SA	1047	250-SCT	20			145	61	32	25	08		002		CRD
SA	1145	250 SCT	20			138	64	31	22	14		999		CRD
SA	1248	250 SCT	20			123	70	26	23	18		996	720 1005	CRD
SA	1347	CLR	20			111	70	21	22	20	G26	993		CRD
SA	1450	CLR	20			110	71	20	19	18	G26	992		CRD
SA	1550	CLR	20			104	70	24	21	14	G23	990	720 72 RADAT 20117	008
SA	1649	CLR	20			104	68	24	21	16	G24	988		008
SA	1749	CLR	20			099	67	25	20	14		987		008
SA	1844	CLR	20			095	64	27	21	10	G17	986	710	008
SA	1948	CLR	20			095	62	25	20	09	G16	986		008
SA	2048	CLR	20			095	59	26	23	09	G14	986		008
SA	2150	CLR	20			095	57	28	23	10	G16	986	400 72	008
SA	2248	CLR	20			092	57	29	24	08		986		008
SA	2350	CLR	20			092	55	26	18	02		986		008

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii NddH VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 13

To convert LST to GMT ADD 8 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 45	26.590	52.8	42.8	44	4	4	ci	250												4	1	.010		00-01
01 48	26.590	52.5	42.8	45	3															3				01-02
02 45	26.580	47.8	41.4	59	2															2				02-03
03 48	26.590	48.2	42.0	61	0															0	5	.000		03-04
04 46	26.595	44.0	40.0	72	0															0				04-05
05 45	26.605	45.3	40.6	68	0															0				05-06
06 45	26.620	49.8	43.1	59	2	2	Cs	250												2	2	.030		06-07
07 45	26.615	51.9	43.8	53	5															2				07-08
08 46	26.625	56.3	45.3	42	5															2				08-09
09 46	26.620	58.0	46.3	41	3	3	Cs	250												1	5	.000		09-10
10 47	26.610	61.1	47.0	33	3															1				10-11
11 45	26.590	63.5	47.8	30	1															1				11-12
12 48	26.560	69.7	49.0	19	1	1	CS	250												1	7	.060		12-13
13 47	26.525	70.0	47.9	15	0															0				13-14
14 50	26.515	70.6	48.0	14	0															0				14-15
15 50	26.500	69.6	48.4	18	0															0	7	.060		15-16
16 49	26.490	67.9	47.7	19	0															0				16-17
17 49	26.480	66.8	47.6	21	0															0				17-18
18 44	26.470	63.7	46.5	24	0															0	7	.030		18-19
19 48	26.470	62.1	45.3	24	0															0				19-20
20 48	26.470	58.5	44.0	29	0															0				20-21
21 50	26.470	57.0	43.7	32	0															0	4	.000		21-22
22 48	26.470	56.6	44.0	35	0															0				22-23
23 50	26.470	54.6	42.1	33	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	53	47	X	X						X		
	0345	1	0	0	0	58	47		0								
	0944	2	0	0	0	60	44		0								
	1540	3	0	0	0	72	58		0								
	2142	4	0	0	0	70	56		0								
	MID.	X	0	0	0	60	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.500	26.470
BAROGRAPH 64	26.590	26.620	26.510	26.480
BAR. CORR. 65	0	0*	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	44	0	0	0	29	SW	1406					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 0648 - 2 SEC. / 2030P - 1 SECS.

* BAROGRAPH CHART CHANGED "0" COR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 14

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS'R'S INITIALS (14)
SA	0049	CLR	20			085	54	27	36	04		985	803	008
SA	0150	CLR	20			082	52	30	23	11		984		008
SA	0249	CLR	20			085	52	29	29	07G	13	985		008
SA	0348	CLR	20			089	50	30	31	06		986	302 49 RADAT 20116	008
SA	0454	CLR	20			092	50	30	03	08		987		EP
SA	0545	CLR	20			102	46	32	36	04		989		EP
SA	0649	CLR	20			110	50	33	35	03		991	315	EP
~~SA~~	~~0746~~	~~CLR~~	~~20~~			~~110~~	~~57~~	~~32~~	~~24~~	~~08~~		~~991~~		~~EP~~
~~SA~~	~~0848~~													
SA	0747	CLR	20			111	52	33	24	08		992		EP
SA	0848	CLR	20			114	55	33	25	08		992		EP
SA	0946	CLR	20			114	57	32	24	08		992	103 45	EP
SA	1045	CLR	20			108	60	33	24	11		991		EP
SA	1146	CLR	20			101	61	30	23	10		989		EP
SA	1247	CLR	20			091	66	32	23	10		987	817 1100	EP
SA	1346	CLR	20			082	69	33	22	13		984		EP
SA	1450	CLR	20			079	70	33	23	16		983		EP
SA	1545	CLR	20			076	69	32	20	14G	22	982	614 70 RADAT 20113	008
SA	1649	CLR	20			073	68	31	21	13G	18	981		008
SA	1747	CLR	20			072	67	31	20	12		980		008
SA	1844	CLR	20			069	62	30	20	10		979	710	008
SA	1946	CLR	20			066	61	30	21	14G	22	979		008
SA	2047	CLR	20			063	61	29	22	08		978		008
SA	2146	CLR	20			068	58	33	23	11G	16	979	500 70	008
SA	2250	CLR	20			067	56	33	25	07G	12	979		008
SA	2346	CLR	20			067	54	36	23	06		979		008

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

FMIIIV. Ih iRiXhVVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dfopp $6P_0P_0P_0P_0$ $7RRR_{ts}$ $8N_sCh_sh_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_eT_eT_aT_a$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEV.
DATE: 1982 APR 14
To convert LST to GMT ADD 8 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 49	26.460	54.0	42.0	35	0															0	8	.010			00-01
01 50	26.450	52.2	42.0	42	0															0					01-02
02 49	26.460	52.2	41.8	41	0															0					02-03
03 48	26.465	50.2	41.1	46	0															0	3	.005			03-04
04 54	26.470	50.0	41.1	47	0															0					04-05
05 45	26.490	46.0	39.6	58	0															0					05-06
06 49	26.510	50.0	42.0	52	0															0	3	.045			06-07
07 47	26.515	51.7	42.7	48	0															0					07-08
08 48	26.520	54.8	44.2	43	0															0					08-09
09 46	26.520	57.2	45.1	38	0															0	1	.010			09-10
10 45	26.510	59.5	46.5	37	0															0					10-11
11 46	26.490	61.3	46.4	30	0															0					11-12
12 47	26.470	66.0	49.2	28	0	0	CU	70												0	8	.050			12-13
13 46	26.450	68.6	50.5	26	0															0					13-14
14 50	26.440	69.5	50.8	25	0															0					14-15
15 45	26.430	68.7	50.1	25	0															0	6	.040			15-16
16 49	26.420	68.0	49.6	25	0															0					16-17
17 47	26.410	66.8	49.1	26	0															0					17-18
18 44	26.400	62.4	46.8	29	0															0	7	.030			18-19
19 46	26.395	61.2	46.2	30	0															0					19-20
20 47	26.390	61.0	46.0	30	0															0					20-21
21 46	26.400	57.9	45.8	39	0															0	5	.000			21-22
22 50	26.400	56.2	45.2	42	0															0					22-23
23 46	26.400	54.1	45.0	50	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	55	49	X	X						X		
	0342	1	0	0	0	60	49		0								
	0943	2	0	0	0	57	45		0								
	1540	3	0	0	0	70	56		0								
	2141	4	0	0	0	69	57		0								
	MID.	X	0	0	0	59	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0944	1544	2141
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.465	26.520	26.430	26.400
BAROGRAPH 64	26.465	26.520	26.430	26.400
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 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
70	45	0	0	0	23	SW	1601					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: 1030P -2SECS/ 2315P -2SECS.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 APR 15

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0044	CLR	20			067	50	33	32	05		979	400	008
SA	0147	CLR	20			065	50	33	30	07		979		008
SA	0246	CLR	20			062	48	33	25	06		978		008
SA	0347	CLR	20			068	46	33	33	07		979	500 46 RADAT 33100	EP
SA	0448	CLR	20			068	45	34	01	04		979		EP
SA	0553	CLR	20			076	44	36	04	03		981		EP
SA	0646	CLR	20			080	49	35	31	04		982	310 1030	EP
SA	0746	CLR	20			083	52	35	22	06		983		EP
SA	0848	CLR	20			086	54	34	22	10		984		EP
SA	0950	CLR	20			085	58	33	23	12		984	107 1100 43	EP
SA	1055	CLR	20			081	61	32	21	10		983		EP
SA	1146	CLR	20			076	64	28	27	09		982		EP
SA	1250	CLR	20			073	67	22	26	10		981	710 1100	EP
SA	1351	CLR	20			065	69	18	18	10		979		EP
SA	1450	CLR	20			058	70	10	24	10		977		EP
SA	1547	CLR	20			054	72	12	22	18		976	817 1100 72 RADAT 23100	JK
SA	1650	CLR	20			052	70	8	23	10		974		JK
SA	1749	CLR	20			057	67	13	24	12		976		JK
SA	1850	CLR	20			069	61	17	36	05		979	310 1100	JK
SA	1946	CLR	20			082	58	15	36	03		982		JK
SA	2048	CLR	20			088	58	1	06	08		984		JK
SA	2149	CLR	20			093	59	0	02	04		987	224 72	JK
SA	2248	CLR	20			097	55	8	03	10		988		JK
SA	2347	CLR	20			098	56	16	05	20		989		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_sT_sT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 APR 15

To convert LST to GMT ADD 8 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 44	26.400	50.0	42.2	53	0															0	4	.000			00-01
01 47	26.400	50.1	41.9	51	0															0					01-02
02 46	26.370	47.6	41.0	58	0															0					02-03
03 47	26.400	45.6	40.0	62	0															0	5	.000			03-04
04 48	26.400	44.6	39.6	65	0															0					04-05
05 53	26.420	43.7	39.9	73	0															0					05-06
06 46	26.430	48.6	42.1	59	0	0	Ac	80												0	3	.030			06-07
07 46	26.440	52.0	43.8	52	0															0					07-08
08 48	26.450	54.4	44.4	45	0															0					08-09
09 50	26.450	57.8	45.6	38	0	0	Cu	70												0	1	.020			09-10
10 55	26.440	61.0	47.0	34	0															0					10-11
11 46	26.430	63.8	47.0	26	0															0					11-12
12 50	26.420	66.9	46.7	18	0	0	Cu	70												0	7	.030			12-13
13 51	26.400	68.5	46.7	14	0															0					13-14
14 50	26.380	70.0	46.0	10	0															0					14-15
15 47	26.370	71.6	47.0	10	0	0	Cu	80												0	8	.050			15-16
16 50	26.360	70.1	45.7	9	0															0					16-17
17 49	26.370	67.0	45.0	12	0															0					17-18
18 50	26.400	61.3	43.1	17	0	0	Cu	80												0	3	.030			18-19
19 46	26.430	58.1	41.1	18	0															0					19-20
20 48	26.450	58.0	39.0	10	0															0					20-21
21 49	26.470	58.9	39.3	9	0															0	2	.070			21-22
22 48	26.480	55.4	38.5	15	0															0					22-23
23 47	26.490	55.9	40.2	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	54	46	X	X						X		
	0343	1	0	0	0	59	46		0								
	0945	2	0	0	0	58	43		0								
	1544	3	0	0	0	72	58		0								
	2143	4	0	0	0	72	58		0								
	MID.	X	0	0	0	59	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0946	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.450	26.370	26.470
BAROGRAPH 64	26.400	26.450	26.370	26.480
BAR. CORR. 65	0	0	±.0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	43	0	0	0	24	SW	1601					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: 1100P - 2SEC 1800P - 2Sec

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NM

DATE: 1982 APR 18

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY (4) SURFACE	VISIBILITY (4) TOWER	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0045	CLR	20			103	53	17	03	20		990	210	JK
SA	0145	CLR	20			107	51	17	03	20		991		JK
SA	0250	CLR	20			118	49	17	06	12		994		JK
SA	0349	CLR	20			129	48	17	05	15		998	324 48 RADAT 32085	EP
SA	0446	CLR	20			139	46	16	04	16	G22	000		EP
SA	0547	CLR	20			153	45	16	04	16		003		EP
SA	0649	CLR	20			163	47	14	03	15	G20	005	224	EP
SA	0748	CLR	20			170	49	15	04	14		008		EP
SA	0848	CLR	20			168	54	15	03	16		008		EP
SA	0950	CLR	20			171	56	17	04	13		009	310 45	EP
SA	1046	CLR	20			166	61	17	06	07		008		EP
SA	1147	CLR	20			161	61	15	35	07		007		EP
SA	1246	CLR	20			154	64	14	35	08		004	814	EP
SA	1345	CLR	20			150	66	16	04	06		003		EP
SA	1450	CLR	20			146	67	16	01	08		002		EP
SA	1547	CLR	20			144	68	17	21	04		001	710 68 RADAT 27097	JK
SA	1648	CLR	20			141	68	17	03	03		000		JK
SA	1745	CLR	20			141	66	15	36	02		000		JK
SA	1845	CLR	20			147	60	21	05	05		001	500	JK
SA	1949	CLR	20			154	58	20	09	06		003		JK
SA	2046	CLR	20			158	54	23	08	02		004		JK
SA	2146	CLR	20		161	~~158~~	53	22	00	00		005	314 68	JK
SA	2248	CLR	20			161	52	20	31	04		005		JK
SA	2349	CLR	20			161	53	19	01	02		005		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{is}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wF_wf_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 16

To convert LST to GMT ADD 8 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 45	26.500	53.2	39.1	24	0															0	2	.030			00-01
01 45	26.510	51.0	38.0	26	0															0					01-02
02 50	26.540	49.2	37.0	28	0															0					02-03
03 49	26.570	47.6	36.1	29	0															0	3	.070			03-04
04 46	26.590	45.9	35.0	30	0															0					04-05
05 47	26.620	44.9	34.3	31	0															0					05-06
06 49	26.640	47.0	35.2	27	0															0	2	.070			06-07
07 48	26.660	49.3	36.5	25	0															0					07-08
08 48	26.660	54.0	39.0	21	0															0					08-09
09 50	26.670	56.1	40.5	21	0															0	3	.030			09-10
10 46	26.660	60.5	42.7	18	0															0					10-11
11 47	26.650	60.8	42.5	17	0															0					11-12
12 46	26.630	63.6	43.7	14	0															0	8	.040			12-13
13 45	26.620	66.1	45.1	14	0															0					13-14
14 50	26.610	66.8	45.5	14	0															0					14-15
15 47	26.600	67.5	46.0	14	0															0	7	.030			15-16
16 48	26.590	67.7	46.1	14	0															0					16-17
17 45	26.590	66.2	45.1	14	0															0					17-18
18 45	26.600	59.8	43.2	22	0															0	5	.000			18-19
19 49	26.620	57.9	42.1	23	0															0					19-20
20 46	26.630	54.0	41.0	30	0															0					20-21
21 46	26.640	53.1	40.1	28	0															0	3	.040			21-22
22 48	26.640	51.9	39.1	28	0															0					22-23
23 49	26.640	52.5	39.1	26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	56	48	X	X						X		
	0344	1	0	0	0	59	48		0								
	0944	2	0	0	0	56	45		0								
	1544	3	0	0	0	68	56		0								
	2143	4	0	0	0	68	53		0								
	MID.	X	0	0	0	53	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.670	26.600	26.640
BAROGRAPH 64	26.560	26.670	26.600	26.640
BAR. CORR. 65	+0.10	0	±.0	±.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	45	0	0	0	30	NE	0119					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: 1000 P - 1 SEC 1910P OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1982 APR 17

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT (8)	WIND DIR (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			159	51	19	07	05		005	400	JK
SA	0147	CLR	20			154	51	19	05	02		004		JK
SA	0245	CLR	20			154	52	16	02	03		004		JK
SA	0350	CLR	20			158	49	19	04	07		005	500 49 RADAT 24097	EP
SA	0445	CLR	20			160	45	20	05	07		005		EP
SA	0548	CLR	20			163	49	19	04	12		007		EP
SA	0650	CLR	20			167	54	17	04	11		008	307 1030	EP
SA	0750	CLR	20			166	57	15	04	13		008		EP
SA	0847	CLR	20			170	62	16	03	08		009		EP
SA	0949	CLR	20			169	65	18	02	10		009	103 1030 45	EP
SA	1047	CLR	20			160	68	17	02	07		007		EP
SA	1149	CLR	20			155	69	15	27	03		005		EP
SA	1247	CLR	20			152	70	18	12	05		004	614 1030	EP
SA	1349	CLR	20			143	72	16	23	13		002		EP
SA	1450	CLR	20			139	72	17	27	12		001		EP
SA	1547	CLR	20			141	73	14	33	03		001	610 1100 73 RADAT 33104	JK
SA	1649	CLR	20			139	71	14	15	02		000		JK
SA	1745	CLR	20			139	70	14	25	03		000		JK
SA	1845	CLR	20			139	64	16	20	05		000	603	JK
SA	1945	CLR	20			146	59	19	09	03		002		JK
SA	2045	CLR	20			153	57	20	08	03		004		JK
SA	2147	CLR	20			149	54	19	07	03		003	010 73	JK
SA	2246	CLR	20			153	51	22	11	02		004		JK
SA	2347	CLR	20			156	50	21	08	04		005		JK

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $4d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 17

To convert LST to GMT ADD 8 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 45	26.640	51.0	38.3	28	0															0	4	.000			00-01
01 47	26.630	50.7	38.1	28	0															0					01-02
02 45	26.630	51.9	38.2	24	0															0					02-03
03 50	26.640	48.8	37.1	30	0															0	5	.000			03-04
04 45	26.640	45.3	35.5	36	0															0					04-05
05 48	26.650	48.6	37.0	30	0															0					05-06
06 50	26.660	54.2	39.5	23	0	0	Ac	120												0	3	.020			06-07
07 50	26.660	56.8	40.4	19	0															0					07-08
08 47	26.670	61.6	43.0	17	0															0					08-09
09 49	26.670	65.0	45.0	16	0	0	Ac	120												0	1	.010			09-10
10 47	26.650	67.8	46.2	14	0															0					10-11
11 49	26.640	68.5	46.2	13	0															0					11-12
12 47	26.630	69.7	47.2	14	0	0	Ac	120												0	6	.040			12-13
13 49	26.610	71.7	47.8	12	0															0					13-14
14 50	26.600	72.2	48.1	12	0															0					14-15
15 47	26.600	72.5	47.7	10	0	0	Cu	90												0	6	.030			15-16
16 49	26.590	71.0	47.0	11	0															0					16-17
17 45	26.590	69.9	46.6	11	0															0					17-18
18 45	26.590	63.6	44.1	15	0															0	6	.010			18-19
19 45	26.610	59.0	42.5	21	0															0					19-20
20 45	26.630	56.9	41.6	24	0															0					20-21
21 47	26.620	54.0	40.0	25	0															0	0	.030			21-22
22 46	26.630	50.9	39.1	32	0															0					22-23
23 47	26.640	50.1	38.4	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	53	49	X	X						X		
	0345	1	0	0	0	53	49		0								
	0944	2	0	0	0	65	45		0								
	1543	3	0	0	0	73	65		0								
	2144	4	0	0	0	73	54		0								
	MID.	X	0	0	0	54	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.670	26.600	26.620
BAROGRAPH 64	26.640	26.670	26.600	26.630
BAR. CORR. 65	0	±.0	±.0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
73	45	0	0	0	17	SE	1412					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: 1005 P -1 SEC 1920 P OK

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 18

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0046	CLR	20			157	50	20	11	02		005	107	JK
SA	0145	CLR	20			157	49	20	07	03		005		JK
SA	0250	CLR	20			157	46	23	04	03		005		JK
SA	0346	CLR	20			160	47	23	13	03		007	303 46 RADAT 35104	RD
SA	0445	CLR	20			164	47	21	12	03		008		RD
SA	0547	CLR	20			173	46	24	12	04		010		RD
SA	0646	CLR	20			183	51	24	10	04		012	217	RD
SA	0749	CLR	20			184	62	19	05	10		014		RD
SA	0847	CLR	20			183	65	21	05	10		013		RD
SA	0947	CLR	20			186	67	24	30	09		014	207 45	RD
SA	1046	CLR	20			179	69	20	22	03		012		RD
SA	1145	CLR	20			170	71	19	33	07		010		RD
SA	1245	CLR	20			164	75	21	29	07		009	717	RD
SA	1347	CLR	20			158	75	17	29	15		007		RD
SA	1445	CLR	20			156	75	16	25	17		005		RD
SA	1549	CLR	20			152	76	16	29	16		004	614 77 RADAT 27108	JC
SA	1644	CLR	20			144	76	15	36	10		002		JC
SA	1743	CLR	20			146	73	17	36	11		002		JC
SA	1842	CLR	20			148	69	16	01	11		003	503	JC
SA	1947	CLR	20			156	66	10	03	12		007		JC
SA	2048	CLR	20			159	62	9	31	04		008		JC
SA	2149	CLR	20			159	60	11	34	04		008	114 77	JC
SA	2247	CLR	20			160	57	16	31	03		008		JC
SA	2342	CLR	20			162	58	13	24	04		009		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ... Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 APR 18

To convert LST to GMT ADD 8 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 46	26.640	50.0	38.0	30	0															0	1	.020			00-01
01 45	26.640	49.2	37.7	31	0															0					01-02
02 50	26.640	46.1	36.6	39	0															0					02-03
03 46	26.650	46.7	37.0	33	0															0	3	.010			03-04
04 45	26.660	46.8	36.6	36	0															0					04-05
05 47	26.630	46.0	37.0	42	0															0					05-06
06 46	26.700	51.3	39.8	34	0															0	2	.050			06-07
07 49	26.715	62.2	44.0	18	0															0					07-08
08 47	26.710	64.8	45.6	18	0															0					08-09
09 47	26.720	66.9	47.2	19	0															0	2	.020			09-10
10 46	26.700	69.0	48.8	20	0															0					10-11
11 45	26.680	71.0	48.0	15	0															0					11-12
12 45	26.670	74.6	49.8	13	0															0	7	.050			12-13
13 47	26.650	75.2	49.5	11	0															0					13-14
14 45	26.640	75.2	49.2	10	0															0					14-15
15 49	26.630	75.7	49.5	10	0															0	6	.040			15-16
16 44	26.610	76.0	49.5	10	0															0					16-17
17 43	26.610	73.4	48.7	12	0															0					17-18
18 42	26.620	69.3	46.6	13	0															0	5	.010			18-19
19 47	26.650	65.6	43.9	11	0															0					19-20
20 48	26.660	61.8	42.0	12	0															0					20-21
21 49	26.660	60.0	41.4	14	0															0	1	.040			21-22
22 47	26.660	57.2	40.8	19	0															0					22-23
23 42	26.670	58.0	40.8	17	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0339	X	0	0	X	51	46	X	X						X		
	0339	1	0	0	0	54	46		0								
	0940	2	0	0	0	67	45		0								
	1545	3	0	0	0	77	66		0								
	2145	4	0	0	0	72	59		0								
	MID.	X	0	0	0	60	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.720	26.630	26.660
BAROGRAPH 64	26.660	26.730	26.630	26.653
BAR. CORR. 65	-.010	-.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 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
77	45	0	0	0	24	W	1108					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: 1037 CLOCK OK / 2144 -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 19

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0049	CLR	20			162	58	8	34	04		009	203	JC
SA	0144	CLR	20			165	57	5	07	10		010		JC
SA	0248	CLR	20			170	56	-9	10	09		011		JC
SA	0347	CLR	20			169	53	7	05	19		011	109 53 RADAT 39101	RD
SA	0446	CLR	20			176	51	6	03	20		013		RD
SA	0548	CLR	20			185	50	6	02	17		014		RD
SA	0648	CLR	20			192	51	8	03	19		016	215	RD
SA	0748	CLR	20			195	53	12	05	18		016		RD
SA	0849	CLR	20			195	58	10	05	07		016		RD
SA	0948	CLR	20			191	60	8	06	11		015	002 1001 50	RD
SA	1048	250 - SCT	20			184	63	10	03	10		013		RD
SA	1148	250 - BKN	20			175	66	6	01	17		012		RD
SA	1248	250 - BKN	20			169	66	9	02	09	G18	010	717 1006	RD
SA	1349	E250 BKN	20			156	68	11	03	08		007		RD
SA	1448	E250 BKN	20			149	70	10	07	14		004		RD
SA	1549	E250 BKN	20			146	70	10	03	13		003	620 1002 72	JC
/													RADAT 23097	/
SA	1645	250 SCT	20			144	69	12	05	09		002		JC
SA	1742	250 SCT	20			146	68	12	03	07		002		JC
SA	1843	CLR	20			152	64	20	03	10		003	500 1001	JC
SA	1949	CLR	20			164	59	15	03	10		006		JC
SA	2048	CLR	20			165	59	17	04	13		007		JC
SA	2149	CLR	20			170	56	12	04	14		008	117 72	JC
SA	2248	CLR	20			176	54	13	05	12		011		JC
SA	2341	CLR	20			179	53	8	04	16		012		JC

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ... Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_nh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 19

To convert LST to GMT ADD 8 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 49	26.670	52.7	39.8	14	0															0	2	.010			00-01
01 44	26.680	52.0	39.0	12	0															0					01-02
02 48	26.690	56.0	37.0	6	0															0					02-03
03 49	26.690	52.8	37.0	15	0															0	1	.020			03-04
04 46	26.765	51.2	36.0	16	0															0					04-05
05 48	26.720	50.0	35.4	16	0															0					05-06
06 48	26.735	50.8	36.1	17	0															0	2	.045			06-07
07 48	26.740	53.0	38.0	19	0															0					07-08
08 49	26.740	57.8	40.1	15	0															0					08-09
09 48	26.730	59.8	40.9	14	0	0	Ci	250												0	8	.005			09-10
10 48	26.710	63.0	42.7	12	2															0					10-11
11 48	26.695	65.7	43.4	9	6															1					11-12
12 48	26.680	66.4	44.2	10	6	6	Ci	250												2	7	.050			12-13
13 49	26.650	67.6	45.0	11	6															5					13-14
14 49	26.630	70.0	46.0	10	6															4					14-15
15 49	26.620	70.1	46.1	10	7	7	Ci	E250												4	6	.060			15-16
16 45	26.610	69.3	46.0	11	3															2					16-17
17 42	26.610	62.7	45.3	11	1															1					17-18
18 43	26.620	63.9	44.9	18	0	0	Ci	250												0	5	.000			18-19
19 49	26.650	59.4	41.8	17	0															0					19-20
20 48	26.660	58.8	41.8	20	0															0					20-21
21 49	26.670	56.6	39.9	17	0															0	1	.050			21-22
22 48	26.690	54.3	38.5	19	0															0					22-23
23 41	26.700	52.7	37.2	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	59	53	X	X						X		
	0340	1	0	0	0	60	53		0								
	0940	2	0	0	0	60	50		0								
	1545	3	0	0	0	72	59		0								
	2145	4	0	0	0	72	56		0								
	MID.	X	0	0	0	57	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.730	26.620	26.670
BAROGRAPH 64	26.700	26.740	26.620	26.670
BAR. CORR. 65	-.010	-.010	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
72	50	0	0	0	25	NE	0553					3	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE	BEGAN	ENDED	TYPE	BEGAN	ENDED

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 0755 2 SEC SLOW / 2144 -2.5 SEC

MF1-10B

☆ U.S.GPO:1977-0-705-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 20

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0048	CLR	20			184	51	14	06	10		013	114	JC
SA	0144	CLR	20			189	48	14	06	12		014		JC
SA	0242	CLR	20			195	47	15	06	16		016		JC
SA	0348	CLR	20			205	44	12	04	12		018	217 44 RADAT 32087	RD
SA	0448	CLR	20			213	42	12	04	18		020		RD
SA	0549	CLR	20			220	42	11	02	18		023		RD
SA	0646	CLR	20			225	44	12	03	17		023	114 1050	RD
SA	0746	CLR	20			225	47	13	07	16		023		RD
SA	0846	CLR	20			225	50	11	08	20		024		RD
SA	0949	CLR	20			225	50	11	07	15	G23	024	102 1080 41	RD
SA	1048	CLR	20			224	53	10	08	16		023		RD
SA	1145	CLR	20			221	54	9	06	22		022		RD
SA	1247	CLR	20			216	58	11	06	20	G28	021	708	RD
SA	1349	CLR	20			210	56	8	06	18		018		RD
SA	1446	CLR	20			206	58	3	06	19		017		RD
SA	1546	CLR	20			213	58	3	07	22		018	507 60 RADAT 24077	LEF
SA	1646	CLR	20			214	57	5	06	21		018		LEF
SA	1749	CLR	20			220	54	4	06	18		020		LEF
SA	1848	CLR	20			231	52	0	06	19		023	314	LEF
SA	1948	CLR	20			246	50	3	07	20		027		LEF
SA	2047	CLR	20			258	48	-1	07	12		031		LEF
SA	2147	CLR	20			262	46	3	09	16		032	227 60	LEF
SA	2248	CLR	20			265	45	3	08	15		033		LEF
SA	2346	CLR	20			267	44	2	08	12		034		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_sC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_sh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO:1980-0-665 115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 20

To convert LST to GMT ADD 5 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 48	26.710	50.5	32.0	23	0															0	1	.040			00-01
01 44	26.720	48.4	35.8	25	0															0					01-02
02 42	26.740	42.0	35.4	27	0															0					02-03
03 48	26.760	44.0	33.1	27	0															0	2	.050			03-04
04 48	26.775	42.1	32.0	29	0															0					04-05
05 49	26.795	41.7	31.4	28	0															0					05-06
06 46	26.800	44.0	33.0	27	0	0	Ac	140												0	1	.040			06-07
07 46	26.800	47.2	35.0	25	0															0					07-08
08 46	26.805	49.8	36.1	21	0															0					08-09
09 49	26.805	49.9	36.2	21	0	0	Ac	140												0	1	.005			09-10
10 48	26.800	52.7	37.5	18	0															0					10-11
11 45	26.790	54.0	38.0	16	0															0					11-12
12 47	26.780	57.8	40.2	15	0															0	7	.025			12-13
13 49	26.760	56.3	38.9	14	0															0					13-14
14 46	26.750	57.6	39.0	11	0															0					14-15
15 46	26.760	57.5	39.0	11	0															0	5	.020			15-16
16 46	26.760	57.2	39.0	12	0															0					16-17
17 49	26.770	54.3	37.5	13	0															0					17-18
18 48	26.800	52.4	35.9	11	0															0	3	.040			18-19
19 48	26.840	50.0	35.0	14	0															0					19-20
20 47	26.870	47.5	33.0	13	0															0					20-21
21 47	26.880	45.5	32.4	17	0															0	2	.080			21-22
22 48	26.890	45.0	32.1	17	0															0					22-23
23 46	26.895	43.5	31.0	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	53	44	X	X						X		
	0340	1	0	0	0	57	44		0								
	0944	2	0	0	0	50	41		0								
	1541	3	0	0	0	60	50		0								
	2142	4	0	0	0	58	46		0								
	MID.	X	0	0	0	46	44	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.805	26.760	26.880
BAROGRAPH 64	26.760	26.815	26.770	26.880
BAR. CORR. 65	0	-.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 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
60	41	0	0	0	28	NE	1244					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 0905 -2 SEC / 2320 -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 21

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 (10-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			265	40	2	08	06		033	003	LEF
SA	0145	CLR	20			260	42	3	05	08		032		LEF
SA	0245	CLR	20			260	41	-2	08	11		032		LEF
SA	0345	CLR	20			261	39	-4	05	12		032	603 39 RADAT 20061	RK
SA	0444	CLR	20			263	39	-3	04	12		032		RK
SA	0542	CLR	20			270	39	-4	04	13		034		RK
SA	0647	CLR	20			273	43	-4	02	13		035	310	RK
SA	0745	CLR	20			268	47	-3	04	14	G21	034		RK
SA	0846	CLR	20			261	52	2	03	18	G30	032		RK
SA	0945	CLR	20			255	55	-5	04	19	G24	031	714 37	RK
SA	1045	CLR	20			247	57	-3	05	18	G24	028		RK
SA	1149	CLR	20			239	59	-4	05	18	G24	026		RK
SA	1249	CLR	20			226	64	-3	05	15	G27	023	724	RK
SA	1347	CLR	20			215	65	-4	05	17	G27	020		RK
SA	1450	CLR	20			205	66	-2	05	17	G29	017		RK
SA	1549	CLR	20			197	66	-3	07	17	G24	015	725 67 RADAT 20089	LEF
SA	1647	CLR	20			194	65	-5	06	17		014		LEF
SA	1748	CLR	20			193	63	-2	07	16		013		LEF
SA	1847	CLR	20			192	60	1	07	15		013	605	LEF
SA	1949	CLR	20			199	58	0	03	09		015		LEF
SA	2048	CLR	20			205	54	3	03	10		017		LEF
SA	2148	CLR	20			198	56	1	04	13		016	010 67	LEF
SA	2247	CLR	20			202	53	3	03	16		017		LEF
SA	2345	CLR	20			207	51	2	03	11		018		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{tr}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBAO, DESERT ROCK, NV

DATE: 1982 APR 21

To convert LST to GMT ADD 8 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 45	26.890	46.0	29.0	20	0															0	0	010			00-01
01 45	26.880	42.4	30.4	19	0															0					01-02
02 45	26.880	40.8	29.0	16	0															0					02-03
03 45	26.880	39.0	27.7	16	0															0	6	010			03-04
04 44	26.885	39.1	27.9	17	0															0					04-05
05 42	26.900	39.0	27.7	16	0															0					05-06
06 47	26.910	43.0	30.0	16	0															0	3	030			06-07
07 45	26.900	46.9	32.5	12	0															0					07-08
08 46	26.885	51.7	35.8	13	0															0					08-09
09 45	26.870	55.2	36.9	8	0															0	7	040			09-10
10 45	26.850	57.2	38.2	8	0															0					10-11
11 49	26.830	59.0	39.0	7	0															0					11-12
12 49	26.800	63.5	41.4	7	0															0	7	070			12-13
13 47	26.770	64.9	42.0	6	0															0					13-14
14 50	26.750	66.1	42.8	6	0															0					14-15
15 49	26.725	65.9	42.5	6	0															0	7	075			15-16
16 47	26.715	65.0	41.9	6	0															0					16-17
17 48	26.710	63.2	41.3	7	0															0					17-18
18 47	26.710	60.0	40.0	9	0															0	6	015			18-19
19 49	26.730	58.3	39.0	9	0															0					19-20
20 48	26.745	53.8	37.0	12	0															0					20-21
21 48	26.740	55.9	37.9	10	0															0	0	030			21-22
22 47	26.745	52.7	36.4	13	0															0					22-23
23 45	26.755	51.3	35.5	13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 03.42	X	0	0	X	44	39	X	X						X		
	0342	1	0	0	0	46	39		0								
	0941	2	0	0	0	55	37		0								
	1543	3	0	0	0	67	55		0								
	2143	4	0	0	0	66	53		0								
	MID.	X	0	0	0	56	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.870	26.725	26.740
BAROGRAPH 64	26.880	26.870	26.725	26.740
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
67	37	0	0	0	30	NE	0836					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: 0930 PST - 2 Sec 2330 - 2 SEC

* BAROGRAM changed and RESET TO ZERO

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

STATION WSMO, DESERT ROCK, NV

DATE 1982 APR 22

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (14)
SA	0045	CLR	20			201	50	4	07	08		017	003	LEF
SA	0149	CLR	20			201	51	1	02	11		017		LEF
SA	0245	CLR	20			200	47	3	05	04		016		LEF
SA	0345	CLR	20			195	51	-2	05	13		016	603 47 RADAT 21089	RK
SA	0445	CLR	20			198	48	2	03	15		016		RK
SA	0545	CLR	20			202	51	-6	04	08		017		RK
SA	0645	CLR	20			205	53	-7	03	11		018	307 1030	RK
SA	0747	CLR	20			205	57	-1	05	12		018		RK
SA	0847	CLR	20			200	62	4	05	14		017		RK
SA	0945	CLR	20			194	64	2	05	14	G23	016	807 1030 47	RK
SA	1045	CLR	20			190	66	3	09	12		015		RK
SA	1147	CLR	20			187	69	6	08	11		014		RK
SA	1249	CLR	20			183	69	5	07	16		013	710 1040	RK
SA	1345	CLR	20			175	71	10	11	16		011		RK
SA	1450	250 - SCT	20			172	70	7	10	12		009		RK
SA	1546	250 - SCT	20			163	70	16	09	12		008	717 1041 72 RADAT 33094	LEF
SA	1645	250 - SCT	20			160 3	70	16	09	16		007		LEF
SA	1750	100 SCT 250 - SCT	20			160 3	67	19	10	09		007		LEF
SA	1847	100 SCT 250 - SCT	20			160 3	64	23	09	11		007	603 1071	LEF
SA	1948	250 - SCT	20			175	59	24	10	08		010		LEF
SA	2046	250 - SCT	20			177	57	24	08	06		012		LEF
SA	2147	CLR	20			183	53	24	31	05		013	219 72	LEF
SA	2248	CLR	20			188	50	24	31	05		014		LEF
SA	2346	CLR	20			187	56	26	13	10		014		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ... Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV
DATE: 1982 APR 22
To convert LST to GMT ADD 8 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 45	26.750	49.8	35.0	15	0															0	0	010		00-01
01 49	26.750	50.7	35.0	13	0															0				01-02
02 45	26.740	46.5	33.0	16	0															0				02-03
03 45	26.740	51.1	35.0	11	0															0	6	010		03-04
04 45	26.740	48.3	33.9	15	0															0				04-05
05 45	26.750	50.8	34.4	9	0															0				05-06
06 45	26.760	53.1	35.6	8	0	0	Ac	150												0	3	020		06-07
07 47	26.760	56.5	38.0	9	0															0				07-08
08 47	26.750	62.0	41.4	10	0															0				08-09
09 45	26.740	64.1	42.2	8	0	0	Ac	150												0	8	020		09-10
10 45	26.730	65.9	43.2	8	0															0				10-11
11 47	26.720	69.0	45.0	8	0															0				11-12
12 49	26.710	69.1	44.9	8	0	0	ACSL	100												0	7	030		12-13
13 45	26.690	71.2	46.6	9	0															0				13-14
14 50	26.675	69.8	45.5	8	3															0				14-15
15 46	26.660	70.0	47.0	12	3	0	ACSL	100	3	Ci	250	3								0	7	050		15-16
16 45	26.650	69.8	47.0	13	3															0				16-17
17 50	26.650	66.6	46.0	16	3															1				17-18
18 47	26.650	63.6	45.5	21	3	1	Ac	100	2	Ci	250	3								1	6	010		18-19
19 48	26.680	58.7	43.4	26	2															0				19-20
20 46	26.695	57.0	42.5	27	2															0				20-21
21 47	26.705	52.8	40.6	33	0															0	2	055		21-22
22 48	26.715	50.0	39.0	35	0															0				22-23
23 46	26.720	50.3	40.5	39	0															0				23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	52	47	X	X						X		
	0341	1	0	0	0	56	47		0								
	0942	2	0	0	0	64	48		0								
	1541	3	0	0	0	72	64		0								
	2142	4	0	0	0	70	53		0								
	MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.740	26.660	26.705
BAROGRAPH 64	26.740	26.745	26.655	26.690
BAR. CORR. 65	0	-005	+005	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
72	47	0	0	0	24	NE	1004					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: 0855P - 2 sec 2331 - 2 SEC

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 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)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			181	52	31	09	08		013	002	LEF
SA	0149	CLR	20			181	48	32	09	10		013		LEF
SA	0245	CLR	20			187	44	30	36	06		013		LEF
SA	0346	CLR	20			185	46	30	29	07		013	400 1001 ~~46~~ 44 RADAT 47099	RK
SA	0445	CLR	20			187	44	32	05	04		013		RK
SA	0545	CLR	20			186	49	32	10	12		013		RK
SA	0645	CLR	20			190	52	34	06	03		014	303	RK
SA	0745	CLR	20			190	56	35	06	03		014		RK
SA	0848	CLR	20			183	63	33	11	11		013		RK
SA	0945	CLR	20			180	65	32	17	09		012	807 1100 43	RK
SA	1045	CLR	20			177	67	30	20	04		011		RK
SA	1145	CLR	20			166	70	25	23	07		008		RK
SA	1247	CLR	20			154	73	22	21	12		005	720 1100	RK
SA	1345	CLR	20			148	74	22	25	13		003		RK
SA	1445	CLR	20			141	75	21	24	11		001		RK
SA	1547	CLR	20			130	75	13	26	07		998	722 1100 75 RADAT 20107	LEF
SA	1645	CLR	20			127	74	12	23	10		997		LEF
SA	1747	CLR	20			120	72	12	24	11		996		LEF
SA	1843	CLR	20			119	67	41	19	09		995	710	LEF
SA	1942	CLR	20			116	67	6	20	13		994		LEF
SA	2041	CLR	20			113	67	11	19	11		994		LEF
SA	2142	CLR	20			116	66	16	23	02		996	302 75	LEF
SA	2243	CLR	20			123	63	17	24	15		997		LEF
SA	2343	CLR	20			124	63	25	20	09		998		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Ii... Nddfi VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ $7RRR_{fs}$ $8N_sCh$ h_s $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1100

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 23

To convert LST to GMT ADD 8 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 48	26.710	51.6	42.0	44	0															0	0	005			00-01
01 49	26.710	48.3	40.9	53	0															0					01-02
02 45	26.710	44.3	38.0	57	0															0					02-03
03 46	26.710	46.0	39.0	54	0	0	Ci	250												0	4	000			03-04
04 45	26.710	44.1	38.5	61	0															0					04-05
05 45	26.710	48.6	40.9	52	0															0					05-06
06 45	26.720	51.5	43.2	51	0															0	3	010			06-07
07 45	26.720	56.1	45.6	44	0															0					07-08
08 48	26.710	62.7	47.8	32	0															0					08-09
09 45	26.700	65.0	48.7	29	0	0	Cu	70												0	8	020			09-10
10 45	26.690	66.8	48.8	25	0															0					10-11
11 45	26.665	69.9	48.8	18	0															0					11-12
12 47	26.640	72.7	49.3	15	0	0	Cu	70												0	7	060			12-13
13 45	26.620	74.0	50.0	14	0															0					13-14
14 45	26.600	74.7	50.1	13	0															0					14-15
15 47	26.575	75.4	48.8	9	0	0	Cu	70												0	7	065			15-16
16 45	26.560	74.2	48.2	9	0															0					16-17
17 47	26.550	72.3	47.4	10	0															0					17-18
18 43	26.545	67.1	43.4	7	0															0	7	030			18-19
19 42	26.540	67.0	46.0	9	0															0					19-20
20 41	26.540	66.5	44.5	11	0															0					20-21
21 42	26.550	65.8	45.0	14	0															0	3	005			21-22
22 43	26.565	63.0	44.0	17	0															0					22-23
23 43	26.570	63.3	46.0	23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	52	44	X	X						X		
	0342	1	0	0	0	53	44		0								
	0941	2	0	0	0	65	43		0								
	1542	3	0	0	0	75	65		0								
	2137	4	0	0	0	75	66		0								
	MID.	X	0	0	0	66	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1546	2141
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.700	26.575	26.550
BAROGRAPH 64	26.705	26.700	26.565	26.540
BAR. CORR. 65	+005	0	+010	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	43	0	0	0	18	SW	1304					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: 1100 Z - 2 sec [illegible] 2322 - 2 SEC [illegible]

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 APR 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	0041	CLR	20			124	58	24	34	04		998	107	LEF
SA	0141	CLR	20			120	55	22	35	08		997		LEF
SA	0241	CLR	20			120	56	22	18	05		997		LEF
SA	0345	CLR	20			123	55	22	01	09		997	502 54 RADAT 35107	RK
SA	0445	CLR	20			123	53	25	01	08		997		RK
SA	0545	250 - SCT	20			130	55	27	02	08		999		RK
SA	0645	250 - BKN	20			136	61	26	20	04		001	312 1001	RK
SA	0745	250 - BKN	20			139	64	26	28	07		002		RK
SA	0845	250 - BKN	20			136	67	26	26	09		002		RK
SA	0946	250 - BKN	20			140	68	28	24	11		003	207 1008 52	RK
SA	1045	250 - BKN	20			136	71	28	26	04		002		RK
SA	1148	250 - OVC	20			130	74	24	26	10		000		RK
SA	1246	250 - OVC	20			126	74	22	25	08		998	815 1207	RK
SA	1346	E250 OVC	20			123	75	22	25	11		997		RK
SA	1450	E250 OVC	20			112	78	29	19	11		995		RK
SA	1548	E250 BKN	20			107	78	21	21	12		993	715 1108 78 RADAT 20113	LEF
SA	1645	250 - SCT	20			107	76	21	21	14		993		LEF
SA	1746	CLR	20			102	73	21	23	12		991		LEF
SA	1847	CLR	20			102	67	24	20	11		991	607	LEF
SA	1945	CLR	20			108	65	27	28	04		993		LEF
SA	2046	CLR	20			113	63	26	19	01		994		LEF
SA	2145	CLR	20			115	59	22	02	09		995	212 78	LEF
SA	2249	CLR	20			117	59	23	01	06		996		LEF
SA	2346	CLR	20			122	58	27	32	02		997		LEF

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: Ilin Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1992 APR 24

To convert LST to GMT ADD 8 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 O. PAQUET SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 41	26.570	57.6	42.9	27	0															0	1	020			00-01
01 41	26.560	54.8	41.0	28	0															0					01-02
02 41	26.560	56.4	41.8	26	0															0					02-03
03 45	26.565	54.7	41.0	28	0															0	5	005			03-04
04 45	26.565	52.8	40.7	33	0															0					04-05
05 45	26.585	54.5	42.2	34	3															0					05-06
06 45	26.600	60.9	45.1	26	7	7	Cs	250												1	3	035			06-07
07 45	26.610	63.6	46.2	23	8															1					07-08
08 45	26.610	67.1	48.0	21	8															1					08-09
09 46	26.620	68.1	48.8	22	9	9	Cs	250												1	2	020			09-10
10 45	26.610	71.2	50.2	20	9															1					10-11
11 48	26.590	74.3	50.5	15	10															1					11-12
12 46	26.575	74.4	50.1	14	10	0	Cu	70	10	Cs	250	10								4	8	045			12-13
13 46	26.565	74.6	50.2	14	10															7					13-14
14 50	26.545	77.6	53.0	16	10															6					14-15
15 48	26.530	77.9	51.4	12	9	0	Cu	70	9	Cs	E250	9								5	7	045			15-16
16 45	26.525	75.8	50.4	13	1															0					16-17
17 46	26.510	73.4	49.5	14	0															0					17-18
18 47	26.510	66.5	47.1	20	0															0	6	020			18-19
19 45	26.525	64.5	46.9	24	0															0					19-20
20 46	26.540	63.2	46.0	24	0															0					20-21
21 45	26.545	59.4	43.4	24	0															0	2	035			21-22
22 49	26.550	58.5	43.0	25	0															0					22-23
23 46	26.565	57.7	43.7	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	63	54	X	X						X		
	0341	1	0	0	0	66	54		0								
	0942	2	0	0	0	68	52		0								
	1543	3	0	0	0	78	68		0								
	2140	4	0	0	0	78	59		0								
	MID.	X	0	0	0	59	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.565	26.620	26.530	26.545
BAROGRAPH 64	26.555	26.605	26.520	26.533
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
78	52	0	0	0	24	SW	1137					7	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0648P-2 SEC 2310 -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 APR 25

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (3)	VISIBILITY SURFACE (4)	VISIBILITY TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (6)	TEMP (7)	DEW PT (8)	WIND DIR. (9)	WIND SPEED KNOTS (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	CLR	20			117	54	27	02	09		996	002	LEF
SA	0147	CLR	20			117	54	25	04	06		996		LEF
SA	0245	CLR	20			117	51	26	02	07		996		LEF
SA	0349	CLR	20			120	51	28	05	06		997	303 50 RADAT 25108	JC
SA	0444	250 - SCT	20			122	50	27	05	04		997		JC
SA	0546	250 - SCT	20			136	49	29	08	04		000		JC
SA	0649	250 - SCT	20			134	58	34	00	00		000	210 1001	JC
SA	0744	250 SCT	20			137	61	31	21	04		001		JC
SA	0845	160 SCT 250 - BKN	20			136	65	27	28	05		001		JC
SA	0949	250 - BKN	20			136	69	31	19	03		001	103 1031 48	JC
SA	1049	250 - SCT	20			128	71	31	24	06		999		JC
SA	1146	250 - BKN	20			120	73	29	26	11		997	FEW CU NW	JC
SA	1245	160 SCT E250 BKN	20			114	74	29	19	06		994	720 1134	JC
SA	1343	160 - BKN 250 - OVC	20			104	77	25	22	13		992	FEW CU SE	JC
SA	1447	160 - SCT 250 - OVC	20			094	78	24	23	15 G21		989	FEW CU SE	JC
SA	1551	160 SCT 250 - SCT	20			086	78	17	21	15 G23		987	724 113180 RADAT 26106	EP
SA	1646	250 - SCT	20			087	75	19	21	16 G20		987		EP
SA	1745	CLR	20			086	73	18	22	15		986		EP
SA	1845	CLR	20			081	70	22	20	10		985	805 1001	EP
SA	1949	CLR	20			086	64	23	03	06		986		EP
SA	2048	CLR	20			090	64	22	04	04		988		EP
SA	2145	CLR	20			089	62	23	24	03		988	108 1001 80	EP
SA	2246	CLR	20			093	65	27	34	03		989		EP
SA	2349	CLR	20			096	59	27	02	08		990		EP

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_gT_dppp $6P_oP_oP_oP_o$ $7RRR_{tr}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-665-1 (5/1100)

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 25

To convert LST to GMT ADD 8 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 45	26.550	54.0	41.9	34	0															0	0	005			00-01
01 47	26.550	53.7	41.3	32	0															0					01-02
02 45	26.550	50.8	40.0	37	0															0					02-03
03 49	26.560	51.2	40.8	40	0															0	3	.010			03-04
04 44	26.560	58.0	39.9	40	5															1					04-05
05 46	26.590	48.8	39.9	45	2															0					05-06
06 49	26.590	57.5	45.8	40	1	1	Ci	250												0	2	.030			06-07
07 44	26.600	61.4	46.7	31	1															1					07-08
08 45	26.600	64.8	47.2	24	7															3					08-09
09 49	26.600	68.6	50.0	25	6	0	Ac	160	6	Ci	250	6								1	1	.010			09-10
10 49	26.580	70.9	50.9	23	3															1					10-11
11 46	26.560	73.0	51.1	19	7															3					11-12
12 45	26.540	73.6	51.4	19	9	0	Cu	60	2	Ac	160	2	9	Ci	E250	9				6	7	.060			12-13
13 43	26.520	72.4	52.1	15	10															3					13-14
14 47	26.490	72.2	51.9	14	10															1					14-15
15 51	26.470	77.5	50.4	10	2	0	Cu	60	1	Ac	160	1	1	Ci	250	2				1	7	.070			15-16
16 46	26.470	75.0	49.8	12	1															0					16-17
17 45	26.460	73.0	48.7	12	0															0					17-18
18 45	26.455	69.8	48.2	17	0	0	Ci	250												0	8	.015			18-19
19 49	26.465	64.2	45.7	20	0															0					19-20
20 48	26.480	64.1	45.5	20	0															0					20-21
21 45	26.480	62.4	44.8	21	0	0	Ci	250												0	1	.025			21-22
22 46	26.495	64.5	47.2	25	0															0					22-23
23 49	26.500	59.1	44.4	29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	58	50	X	X						X		
	0345	1	0	0	0	59	50		0								
	0942	2	0	0	0	70	48		0								
	1545	3	0	0	0	80	69		0								
	2142	4	0	0	0	78	62		0								
	MID.	X	0	0	0	65	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.600	26.470	26.480
BAROGRAPH 64	26.535	26.600	26.475	26.480
BAR. CORR. 65	+.012	± 0	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	48	0	0	0	23	SW	1543					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 0819P -2SEC 2200 -2SEC

MF1-10B

☆ U.S.GPO:1977-0-765-003/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 2 6

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 (14)
SA	0045	CLR	20			097	56	27	03	08		990	107 1001	EP
SA	0150	CLR	20			095	56	27	03	09		990		EP
SA	0251	CLR	20			103	57	29	33	05		992		EP
SA	0349	250 -SCT	20			108	52	33	05	05		993	310 1001 51 RADAT	JC
/													48113	/
SA	0447	250 -SCT	20			114	52	30	36	06		994		JC
SA	0548	250 -BKN	20			118	53	32	10	02		996		JC
SA	0649	250 -SCT	20			122	55	33	25	02		997	210 1001	JC
SA	0741	250 -SCT	20			125	61	34	21	06		998		JC
SA	0847	CLR	20			124	65	32	27	05		998		JC
SA	0949	CLR	20			124	69	32	22	09		998	103 1101 51	JC
SA	1045	CLR	20			121	70	30	24	08		998	FEW CU SE	JC
SA	1146	250 -SCT	20			115	74	32	25	10		996	FEW CU N-SE	JC
SA	1245	60 SCT 250 -BKN	20			109	72	33	21	09		993	814 1101	JC
SA	1349	250 -BKN	20			100	77	33	22	15		991	FEW CU ALQDS	JC
SA	1443	250 -BKN	20			095	77	26	24	09		990	FEW CU ALQDS	JC
SA	1550	60 SCT 250 -BKN	20			094	77	26	24	11		989	714 1401 78 RADAT50114	WRG
SA	1650	60 SCT 250 -BKN	20			094	77	25	24	08		989		WRG
SA	1750	250 -SCT	20			091	75	26	24	10		988	FEW SC SE	WRG
SA	1848	CLR	20			092	70	29	24	05		988	603 1005	WRG
SA	1948	CLR	20			094	66	26	07	03		989		WRG
SA	2048	CLR	20			103	61	27	04	05		991		WRG
SA	2145	CLR	20			104	60	27	05	04		992	214 1005 78	WRG
SA	2248	CLR	20			111	58	27	07	10		993		WRG
SA	2349	CLR	20			118	55	30	20	03		996		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIIII Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_sP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh\ h_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 28

To convert LST to GMT ADD 8 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 45	26.500	55.9	42.9	32	0	0	Ci	250												0	1	.020			00-01
01 50	26.500	55.5	42.7	33	0															0					01-02
02 51	26.520	56.8	43.8	34	0															0					02-03
03 49	26.530	52.0	48.1	49	4	4	Ci	250												1	3	.030			03-04
04 47	26.540	51.5	41.8	44	2															0					04-05
05 48	26.550	53.0	43.1	44	7															1					05-06
06 49	26.560	54.8	44.4	43	5	5	Ci	250												0	2	.030			06-07
07 41	26.570	60.6	42.3	36	2															0					07-08
08 47	26.570	65.3	48.9	29	0															0					08-09
09 49	26.570	68.7	50.1	25	0	0	Cu	60	0	Ci	250	0								0	1	.010			09-10
10 45	26.570	70.2	50.2	22	0															0					10-11
11 46	26.550	73.6	52.2	21	4															0					11-12
12 45	26.530	72.3	52.0	23	7	1	Cu	60	7	Ci	250	7								1	8	.040			12-13
13 49	26.510	77.2	54.2	20	9															0					13-14
14 43	26.500	77.0	52.1	15	9															2					14-15
15 50	26.490	76.6	51.9	16	9	1	Sc	60	9	Ci	250	9								3	7	.040			15-16
16 50	26.490	77.0	51.9	15	6															3					16-17
17 50	26.480	75.0	51.3	16	2															1					17-18
18 48	26.480	70.0	49.9	22	0	0	Ci	250												0	6	.010			18-19
19 48	26.490	66.2	47.5	22	0															0					19-20
20 48	26.510	61.0	45.4	27	0															0					20-21
21 45	26.520	59.9	44.8	28	0	0	Ci	250												0	2	.040			21-22
22 48	26.530	58.2	43.9	30	0															0					22-23
23 49	26.555	55.4	43.6	38	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		59	51										
	0345	1	0	0	0	65	51		0								
	0945	2	0	0	0	70	51		0								
	1546	3	0	0	0	78	69		0								
	2141	4	0	0	0	78	60		0								
	MID.		0	0	0	60	55										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.570	26.490	26.520
BAROGRAPH 64	26.530	26.575	26.490	26.515
BAR. CORR. 65	± 0	±.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
78	51	0	0	0	19	SW	1402					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 1114P -2 SEC / 2323P -2 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 27

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	CLR	20			118	57	26	14	04		996	112	WRG
SA	0148	CLR	20			122	55	28	01	07		997	WND VRBL	WRG
SA	0250	CLR	20			119	52	30	36	04		996		WRG
SA	0349	CLR	20			125	51	32	00	00		998	305 50 RADAT	JC
/													54108	/
SA	0446	CLR	20			129	50	31	13	03		999		JC
SA	0549	CLR	20			134	60	34	03	07		001		JC
SA	0646	CLR	20			133	64	37	02	11		001	110	JC
SA	0744	CLR	20			138	67	33	03	10		002	FEW CU SE	JC
SA	0847	CLR	20			143	69	34	35	10		003	FEW CU SE	JC
SA	0949	CLR	20			145	73	35	36	10		004	210 1100 49	JC
SA	1045	60 SCT	20			145	75	35	36	10		004		JC
SA	1144	60 SCT	20			143	76	36	29	11		003		JC
SA	1243	60 SCT	20			135	79	34	33	04		002	807 1100	JC
SA	1349	60 SCT 250 SCT	20			124	81	34	28	11		999		JC
SA	1443	250 - SCT	20			123	80	32	25	07		998	FEW CU ALQDS	JC
SA	1550	250 - SCT	20			122	80	32	26	11		997	615 1101 82 RADAT 53121	WRG
SA	1650	250 - SCT	20			118	79	31	24	09		996	FEW CU N	WRG
SA	1750	250 - SCT	20			112	78	29	23	09		995		WRG
SA	1850	250 - SCT	20			113	72	30	24	06		995	605 1001	WRG
SA	1950	250 - SCT	20			121	66	30	04	05		997		WRG
SA	2050	CLR	20			129	64	29	09	06		999		WRG
SA	2145	CLR	20			129	60	28	07	06		999	112 82	WRG
SA	2250	CLR	20			132	59	29	00	00		000		WRG
SA	2350	CLR	20			133	59	28	04	03		001		WRG

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $4_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U S GPO 1980-0-665-115-1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 27

To convert LST to GMT ADD 8 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 48	26.555	57.3	43.3	30	0															0	1	.035			00-01
01 48	26.565	55.2	42.8	35	0															0					01-02
02 50	26.555	52.2	41.9	42	0															0					02-03
03 49	26.570	50.3	42.0	48	0															0	3	.015			03-04
04 46	26.580	49.9	41.3	48	0															0					04-05
05 49	26.600	60.0	47.3	38	0															0					05-06
06 46	26.600	64.0	49.5	35	0															0	1	.030			06-07
07 44	26.610	66.6	50.1	29	0															0					07-08
08 47	26.620	69.2	51.2	28	0															0					08-09
09 49	26.630	72.6	52.9	25	0	0	Cu	60												0	2	.030			09-10
10 45	26.630	74.8	53.6	23	1															1					10-11
11 44	26.620	76.0	54.4	23	1															1					11-12
12 43	26.610	79.0	55.0	19	2	2	Cu	60												2	8	.020			12-13
13 49	26.580	81.3	56.0	18	1															1					13-14
14 43	26.570	80.0	54.8	17	2															0					14-15
15 50	26.565	80.1	54.8	17	5	0	Cu	60	5	Ci	250	5								2	6	.045			15-16
16 50	26.555	79.3	54.3	17	3															1					16-17
17 50	26.550	77.8	53.1	17	2															1					17-18
18 50	26.550	72.0	51.2	21	2	2	Ci	250												1	6	.015			18-19
19 50	26.565	66.2	48.7	26	2															1					19-20
20 50	26.585	64.0	47.4	27	0															0					20-21
21 45	26.595	59.9	45.0	30	0															0	1	.035			21-22
22 50	26.595	59.0	44.8	31	0															0					22-23
23 50	26.600	59.2	44.9	31	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	57	50	X	X						X		
	0345	1	0	0	0	60	50		0								
	0945	2	0	0	0	74	49		0								
	1546	3	0	0	0	82	73		0								
	2141	4	0	0	0	80	60		0								
	MID.	X	0	0	0	60	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2141
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.630	26.565	26.585
BAROGRAPH 64	26.560	26.625	26.555	26.565
BAR. CORR. 65	+.010	+.005	+.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	49	0	0	0	17	SW	1320					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 0650P -2 SEC. 1235P -2 sec

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 28

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

TYPE (1)	TIME LST (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS
SA	0050	CLR	20			134	56	28	06	04		001	105	WRG
SA	0150	CLR	20			130	56	30	09	03		000		WRG
SA	0250	CLR	20			131	53	31	11	04		000		WRG
SA	0351	CLR	20			125	54	30	07	04		999	807 53 RADAT 52119	EP
SA	0448	CLR	20			131	52	31	00	00		000		EP
SA	0550	CLR	20			135	54	34	00	00		001		EP
SA	0645	250 - SCT	20			135	60	33	00	00		001	107 1001	EP
SA	0750	250 - SCT	20			130	67	32	00	00		000		EP
SA	0846	250 - SCT	20			124	73	35	34	03		999		EP
SA	0946	250 - SCT	20			120	77	35	30	03		998	710 1001 51	EP
SA	1050	250 - SCT	20			111	80	34	25	10		996		EP
SA	1146	CLR	20			104	82	31	22	18 G25		993		EP
SA	1245	CLR	20			096	84	31	21	18 G24		991	720	EP
SA	1348	CLR	20			085	85	33	19	13 G24		988		EP
SA	1450	CLR	20			074	83	30	19	20 G27		984		EP
SA	1550	CLR	20			071	82	30	22	14 G24		983	624 86 RADAT 38122	WRG
SA	1650	CLR	20			069	82	30	20	14 G23		982		WRG
SA	1750	CLR	20			062	80	28	19	14 G22		980		WRG
SA	1850	CLR	20			060	77	29	22	14		980	610 1005	WRG
SA	1950	CLR	20			058	75	29	20	12		980		WRG
SA	2048	220 - SCT	20			063	73	31	21	13		982		WRG
SA	2148	220 - SCT	20			063	68	31	26	06		982	107 1001 86	WRG
SA	2250	220 - SCT	20			067	67	33	00	00		983		WRG
SA	2350	220 - SCT	20			072	63	30	02	09		984		WRG

A synoptic observation, in WMO code format FM11Vy, is entered on line following related aviation observation.

FM11Vi.hh.. Nddff VVwwW PPPTT $Y_nC_LhC_MC_H$ T_gT_gdppp $0P_0P_0W_0P_0$ $7RRR_{is}$ $8N_sCh\ h_s$ $9S_pS_pS_pS_p$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-605-115 1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 28

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600	56.1	43.4	34	0															0	1	.015			00-01
01 50	26.595	55.7	43.8	38	0															0					01-02
02 50	26.590	53.1	43.0	43	0															0					02-03
03 51	26.580	54.0	43.1	40	0															0	8	.020			03-04
04 48	26.590	51.5	42.1	46	0															0					04-05
05 50	26.600	54.0	44.2	46	0															0					05-06
06 45	26.600	59.8	46.6	36	5	5	Ci	250												0	1	020			06-07
07 50	26.590	66.5	49.3	28	3															0					07-08
08 46	26.580	73.1	53.2	25	3															0					08-09
09 46	26.570	77.1	54.6	22	2	2	Ci	250												0	7	.030			09-10
10 50	26.550	80.1	55.3	19	1															0					10-11
11 46	26.530	81.6	55.1	16	0															0					11-12
12 45	26.510	83.5	56.0	15	0															0	7	.060			12-13
13 48	26.480	84.8	57.0	16	0															0					13-14
14 50	26.450	83.3	55.7	15	0															0					14-15
15 50	26.440	82.2	55.1	15	0															0	6	.070			15-16
16 50	26.430	81.9	55.0	15	0															0					16-17
17 50	26.410	79.6	53.7	15	0															0					17-18
18 50	26.410	77.0	52.9	17	0	0	Ci	220												0	6	.030			18-19
19 50	26.410	74.7	52.0	19	0															0					19-20
20 48	26.430	73.3	51.8	21	1															0					20-21
21 48	26.430	68.4	49.9	25	1	1	Ci	220												0	1	.020			21-22
22 50	26.440	67.0	50.0	29	1															0					22-23
23 50	26.450	62.8	47.0	29	1															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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	59	53	X	X						X		
	0346	1	0	0	0	60	53		0								
	0943	2	0	0	0	77	51		0								
	1546	3	0	0	0	86	77		0								
	2144	4	0	0	0	82	68		0								
	MID.	X	0	0	0	68	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.570	26.440	26.430
BAROGRAPH 64	26.570	26.570	26.435	26.410
BAR. CORR. 65	+.010	0	+.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
86	51	0	0	0	28	SW	1403					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: 1000 P -- 2 SEC / 2318P - 2SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1161

MF1-10A (10-78)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	220 - SCT	20			076	62	31	36	06		986	212 1001	WRC
SA	0150	220 - SCT	20			078	61	31	04	09		986		WRC
SA	0250	220 - SCT	20			085	61	32	03	22	G31	988		WRC
SA	0348	220 - SCT	20			096	59	31	05	21	G28	991	315 1002 59 RADAT 57122	MR
SA	0447	220 - BKN	20			110	58	30	05	20	G27	995		MR
SA	0546	220 - OVC	20			119	58	29	04	17	G24	997		MR
SA	0650	E220 OVC	20			123	59	29	04	17	G24	998	122 1002	MR
SA	0747	E220 OVC	20			124	61	27	03	12	G21	998		MR
SA	0847	E220 OVC	20			123	65	28	03	14	G20	998		MR
SA	0951	E220 OVC	20			124	67	26	03	13		998	000 1002 58	MR
SA	1048	E220 OVC	20			119	70	26	02	10	G17	997		MR
SA	1147	E220 OVC	20			112	72	26	06	08		995		MR
SA	1246	E220 OVC	20			105	75	27	03	11	G19	993	715 1002	MR
SA	1345	E220 OVC	20			100	76	27	01	06	G15	991	Cu OMTNS SE	MR
SA	1450	E220 OVC	20			090	78	28	04	08		988	Cu OMTNS SE	MR
SA	1546	E250 OVC	20			082	77	28	35	08		986	720 1102 78	SH
	—		—			—						—	RADAT 54118	—
SA	1645	E250 OVC	20			084	77	34	11	06		986		SH
SA	1746	E250 BKN	20			085	75	31	10	04		986		SH
SA	1846	250 - OVC	20			089	72	31	12	02		987	303 1007	SH
SA	1945	250 SCT	20			094	67	31	04	10		988		SH
SA	2045	250 SCT	20			101	66	30	08	06		991		SH
SA	2147	250 SCT	20			101	65	29	03	09		991	110 1008 78	SH
SA	2245	150 SCT 250 SCT	20			102	64	21	05	12		992		SH
SA	2345	250 - SCT	20			107	63	21	05	10		993		SH

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: iii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopo $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sC_hh_s$ $9S_pS_pS_psp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S.GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 29

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.465	62.0	46.9	31	1	1	Ci	220												0	2	.035			00-01
01 50	26.470	61.1	46.7	32	2															1					01-02
02 50	26.485	61.0	46.6	33	2															1					02-03
03 48	26.510	59.0	45.7	35	5	5	Ci	220												2	3	.045			03-04
04 47	26.545	58.0	44.9	34	8															2					04-05
05 46	26.565	57.8	44.5	33	10															3					05-06
06 50	26.575	59.1	45.0	31	10	10	Ci	E220												6	1	.065			06-07
07 47	26.580	61.1	45.4	28	10															7					07-08
08 47	26.580	65.3	47.6	24	10															8					08-09
09 51	26.575	66.9	47.9	22	10	10	Ci	E220												7	0	.000			09-10
10 48	26.565	69.9	49.1	19	10															7					10-11
11 47	26.545	72.0	50.0	18	10															7					11-12
12 46	26.530	74.7	51.3	17	10	~~90~~	Cu	~~E220~~ 80	10	Ci	E220	10								8	7	.045			12-13
13 45	26.515	76.2	52.0	16	10															8					13-14
14 50	26.490	77.6	52.8	16	10															9					14-15
15 46	26.470	77.0	52.7	17	10	0	Cu	90	10	Ci	E250	10								7	7	.060			15-16
16 45	26.470	76.6	54.2	22	10															8					16-17
17 46	26.470	75.3	52.6	19	8															8					17-18
18 46	26.480	72.4	51.5	22	10	10	CS	250												5	3	.010			18-19
19 45	26.490	66.6	49.0	26	5															4					19-20
20 45	26.510	66.0	48.5	26	3															2					20-21
21 47	26.510	65.1	47.8	26	3	3	CS	250												3	1	.030			21-22
22 45	26.520	63.9	45.2	19	5															5					22-23
23 45	26.530	62.9	44.6	19	5															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	63	59	X	X						X		
	0342	1	0	0	0	68	59		0								
	0942	2	0	0	0	69	58		0								
	1541	3	0	0	0	78	67		0								
	2143	4	0	0	0	77	65		0								
	MID.	X	0	0	0	65	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1543	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.575	26.470	26.510
BAROGRAPH 64	26.480	26.575	26.475	26.505
BAR. CORR. 65	+.030	0*	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	58	0	0	0	31	NW	0245					10	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 -2 SEC AT 0449P / -2 SEC 1740P

* BAROGRAPH CHANGED AND RESET TO ZERO CORR.

MF1-10R

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (10-78)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 30

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	250 - BKN	20			105	61	21	05	12		993	107 1008	SH
SA	0145	250 - BKN	20			105	60	21	06	11		993		SH
SA	0246	250 - BKN	20			105	60	19	05	10		993		SH
SA	0347	250 - BKN	20			111	58	18	06	09		995	305 1008 58 RADAT 70110	MR
SA	0445	E90 BKN 250 OVC	20			113	58	16	04	11		995		MR
SA	0547	E90 BKN 170 BKN	20			120	59	17	03	08		997		MR
SA	0647	90 SCT 170 SCT 250 SCT	20			126	61	17	04	09		998	312 1079	MR
SA	0746	CLR	20			132	66	20	04	06		999	Ac N-E-S	MR
SA	0845	CLR	20			127	69	22	08	04		999	Cu SE	MR
SA	0947	CLR	20			119	74	23	10	07		997	803 1101 58	MR
SA	1048	CLR	20			116	75	26	10	10		996	Cu SE ACSL NW	MR
SA	1145	90 SCT	20			106	78	29	12	06		993		MR
SA	1245	90 SCT	20			098	82	35	20	14	G24	992	817 1100	MR
SA	1348	90 SCT	20			093	82	33	18	17	G24	990		MR
SA	1450	90 SCT	20			083	81	33	15	11	G19	987		MR
SA	1550	90 SCT	20			078	81	37	15	11		985	720 1100 83	SH
	/												RADAT 57118	/
SA	1647	90 SCT	20			077	81	37	23	08		985		SH
SA	1745	90 SCT	20			074	79	35	22	11		984		SH
SA	1846	90 SCT	20			078	75	35	20	07		985	500 1100	SH
SA	1945	CLR	20			084	70	35	12	06		986	FEW CU	SH
SA	2045	CLR	20			089	70	36	16	10		988	FEW CU	SH
SA	2146	CLR	20			089	71	39	16	09		990	214 1100 83	SH
SA	2245	CLR	20			094	67	38	16	08		991		SH
SA	2346	CLR	20			091	70	36	18	14		991		SH

A synoptic observation, in WMO code format FM11V, is entered on line following related aviation observation.

FM11V: ... Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dupp $6P_oP_oP_oP_o$ $7RRR_{ts}$ $8N_sCh_hh_s$ $9SpSpspsp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

U.S. GPO 1980-0-665-115/1108

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 APR 30

To convert LST to GMT ADD 8 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 46	26.530	61.0	43.8	21	8	8	Cs	250												4	1	.020			00-01
01 45	26.530	60.0	43.4	22	8															4					01-02
02 46	26.530	59.7	42.8	21	8															3					02-03
03 47	26.545	58.1	41.7	21	8	8	Cs	250												3	3	.015			03-04
04 45	26.550	58.4	41.5	19	10															7					04-05
05 47	26.565	58.6	41.8	20	8															7					05-06
06 47	26.580	61.1	43.0	18	5	3	Ac	90	0	Ac	170	3	2	Cc	250	5				4	3	.035			06-07
07 46	26.590	65.6	45.7	17	0															0					07-08
08 45	26.585	68.9	47.6	16	0															0					08-09
09 47	26.570	73.8	50.1	15	0	0	Cu	90	0	Ci	250	0								0	8	.010			09-10
10 48	26.560	75.4	51.5	16	0															0					10-11
11 45	26.535	77.7	53.0	16	1															1					11-12
12 45	26.520	82.2	56.7	19	3	3	Cu	90												3	8	.050			12-13
13 48	26.505	82.2	56.0	17	2															2					13-14
14 50	26.475	80.9	55.5	18	2															2					14-15
15 50	26.460	81.3	57.0	21	3	3	Cu	90												3	7	.060			15-16
16 47	26.460	81.0	56.6	20	3															3					16-17
17 45	26.450	78.8	55.2	20	2															2					17-18
18 46	26.460	75.0	53.7	23	1	1	Cu	90												1	5	.000			18-19
19 45	26.470	69.6	51.6	28	0															0					19-20
20 45	26.490	70.1	52.2	29	0															0					20-21
21 46	26.500	71.3	53.6	31	0	0	Cu	90												0	2	.040			21-22
22 45	26.510	67.2	51.7	34	0															0					22-23
23 46	26.505	70.2	52.3	29	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342		0	0		63	58										
	0342	1	0	0	0	65	58		0								
	0942	2	0	0	0	75	58		0								
	1545	3	0	0	0	83	74		0								
	2141	4	0	0	0	81	70		0								
	MID.		0	0	0	71	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1547	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.570	26.460	26.500
BAROGRAPH 64	26.530	26.565	26.460	26.490
BAR. CORR. 65	+.015	+.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
83	58	0	0	0	25	SE	1222					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 -2 SEC AT 0531P / -2 SEC 1750P

MF1-10B

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