WB FORM 733-1
(REV. 1-65)

U.S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: May

YEAR: 1978

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°)	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, SLEET	SNOW, SLEET OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED (Knots)	PEAK SPEED SPEED (Knots)	DIRECTION	AV. STATION PRESSURE (Hpc and tenths)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1																			
2																			
3																			
4																			
5																			
6																			
7		STATION		OPENED				5/15/78											
8																			
9		REPLACES		YUCCA				FLAT											
10																			
11																			
12																			
13																			
14																			
15	83	58	71						17.6	44	190	26.3	49	3		21	14	11	37
16	71	50	61		4				12.2	29	030	26.5	49	3		27	21	18	27
17	75	48	62		3				9.1	28	040	26.6	11	9		34	20	14	30
18	80	53	67						6.9	17	010	26.6	08	2		30	18	9	26
19	84	50	67						4.3	17	230	26.6	08	0		36	14	9	26
20	85	51	68						3.2	16	230	26.5	56	10		34	11	8	20
21	89	52	71						7.6	30	170	26.4	98	1		39	16	8	13
22	85	66	76						14.0	32	210	26.4	15	7		15	11	10	16
23	75	53	64		1				16.7	56	190	26.3	09	6		13	13	12	14
24	71	44	58		7				8.5	27	090	26.4	70	10		29	11	10	19
25	73	46	60		5				6.8	21	210	26.4	81	10		25	17	11	23
26	77	47	62		3				4.4	17	230	26.5	58	5		27	15	13	26
27	86	47	67						6.2	20	040	26.6	53	0		38	13	11	15
28	88	65	77						8.8	30	310	26.6	64	0		24	18	10	20
29	93	55	74						6.8	24	220	26.5	38	1		33	12	9	15
30	92	62	77						11.3	40	040	26.4	13	0		25	12	9	14
31	85	59	72						11.2	28	030	26.4	79	0		17	13	12	20
SUM			—	—	—						—		—		—				
AVG			—	—	—	—	—	—											
									MISC. →	FASTEST	DIRECTION	POSSIBLE	%						

TEMPERATURE DATA

AVERAGE MONTHLY _____

DEPARTURE FROM NORMAL _____

HIGHEST _____ ON _____

LOWEST _____ ON _____

NUMBER OF DAYS WITH -

MAX. 32° OR BELOW _____

MAX. 90° OR ABOVE _____

MIN. 32° OR BELOW _____

MIN. 0° OR BELOW _____

DEGREE DAYS (Base 65°)

TOTAL THIS MONTH _____

- DEPARTURE FROM NORMAL _____

SEASONAL TOTAL _____

DEPARTURE FROM NORMAL _____

PRECIPITATION DATA

TOTAL FOR THE MONTH _____ IN.

DEPARTURE FROM NORMAL _____ IN.

GREATEST IN 24 HOURS _____ ON _____

SNOWFALL, SLEET

TOTAL FOR THE MONTH _____ IN.

GREATEST IN 24 HOURS _____ ON _____

GREATEST DEPTH ON GROUND _____ ON _____

BAROMETRIC PRESSURE
(Climatological station elevation)

(H_{pc}) 3310 FT., M.S.L.

MONTHLY AVERAGE STATION _____ IN.

HIGHEST SEA-LEVEL _____ IN. ON _____

LOWEST SEA-LEVEL _____ IN. ON _____

WEATHER

NUMBER OF DAYS -

CLEAR (Scale 0-3) _____

PARTLY CLOUDY (Scale 4-7) _____

CLOUDY (Scale 8-10) _____

WITH 0.01 INCH OR MORE PRECIP. _____

WITH 0.10 INCH OR MORE PRECIP. _____

WITH 0.50 INCH OR MORE PRECIP. _____

WITH 1.00 INCH OR MORE PRECIP. _____

SYMBOLS USED IN COLUMN 16

F = FOG

F+ = FOG WITH VISIBILITY 1/4 MILE OR LESS

T = THUNDER

E = SLEET

A = HAIL

ZR = GLAZE OR RIME

D = DUSTSTORM

K = SMOKE OR HAZE

BS = BLOWING SNOW

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK MERCURY NV
DATE: MAY 15 1978
TO CONVERT LST TO GMT ADD 8 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. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	
R	0050	160 SCT	20			041	72	37	15	23 G 31		978	PK WND 1631/40 505 1060	75
R	0152	CLR	20			041	72	32	18	22 G 34		978	PK WND 1834/42	75
R	0250	CLR	20			041	70	31	19	126 G 35		978	PK WND 1732/03	75
R	0351	280 - SCT	20			041	70	29	16	136 G 24		978	PK WND 2029/32 400 1009	75
—	—	—	—			—	—	—	—	—	—	—	73	73
R	0450	160 - SCT 280 - BKN	20			036	70	29	19	186 G 25		977	PK WND 1929/39	75
R	0550	E160 BKN 280 BKN	20			042	70	26	18	156 G 22		978		75
R	0652	E160 BKN 280 BKN	20			051	70	26	19	236 G 29		980	PK WND 1532/37 / 207	75
—	—												1061	—
R	0753	E280 BKN	20			051	71	28	19	17 G 28		980	PK WND 2022/46	76
R	0850	E280 BKN	20			050	75	26	21	19 G 28		979	PK WND 2128/41	76
R	0950	280 SCT	20			045	78	26	20	20 G 30		978	PK WND 2030/41 / 807	76
—													1041 70	—
R	1052	CLR	20			036	78	28	18	22 G 32		976	PK WND 1832/51	76
R	1153	CLR	20			031	81	28	19	22 G 33		974	PK WND 2036/38	76
R	1257	CLR	20			024	81	25	19	22 G 33		972	PK WND 1933/50 / 717	76
—													1041	—
R	1351	CLR	20			009	82	26	19	30 G 44		968	PK WND 1944/43	76
R	1453	CLR	20			002	81	23	20	26 G 42		965	PK WND 2042/49	76
R	1552	CLR	20			999	81	22	19	25 G 40		964	PK WND 2041/02 /	76
													624 83 RAOAT 20151	
R	1651	CLR	20			003	80	20	22	16 G 24		965	PK WND 1936/36	073
R	1750	CLR	20			010	77	20	19	08 G 24		968	PK WND 2130/16	CRD
R	1850	CLR	20			019	71	29	22	14 G 25		969	PK WND 1929/13 / 214	CRD
R	1950	CLR	20			020	69	29	23	14 G 18		969		CRD
R	2046	CLR	20			028	66	31	25	11		971		CRD
R	2147	CLR	20			035	65	38	25	12		973	314 83	CRD
R	2249	CLR	20			059	62	39	29	12		980	PRESRR	CRD
R	2345	CLR	20			070	59	29	29	07		984		CRD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S. GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK MERCURY NV
DATE: MAY 15 1978
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	26.390	72.0	53.1	27	1	1	Ac	160												1	8	.015			00-01
01 52	26.390	71.7	51.5	23	0															0					01-02
02 50	26.390	69.8	50.3	23	0															0					02-03
03 51	26.370	70.0	49.8	21	3	3	Ci	280												1	4	.000			03-04
04 50	26.380	70.1	49.8	21	9															3					04-05
05 50	26.390	69.7	49.1	20	9															7					05-06
06 52	26.410	70.0	49.2	19	9	6	Ac	160	3	Cs	280	9								8	2	.020			06-07
07 53	26.405	71.3	49.8	20	7															6					07-08
08 50	26.400	74.9	51.3	16	6															5					08-09
09 50	26.390	77.7	52.3	14	2	0	Ac	160	2	Ci	280	2								2	8	.020			09-10
10 52	26.370	77.9	53.0	16	0															0					10-11
11 53	26.360	79.3	53.3	14	0															0					11-12
12 57	26.340	80.8	53.4	13	0	0	Ac	160	0	Ci	280	0								0	7	.050			12-13
13 51	26.300	81.9	53.0	13	0															0					13-14
14 53	26.280	81.3	53.2	12	0															0					14-15
15 51	26.270	81.2	52.8	11	0															0	6	.070			15-16
16 51	26.280	79.5	51.9	11	0															0					16-17
17 50	26.295	77.2	50.8	12	0															0					17-18
18 50	26.310	74.6	52.3	21	0															0	2	.040			18-19
19 50	26.310	69.2	49.2	21	0															0					19-20
20 46	26.330	66.3	48.8	31	0															0					20-21
21 47	26.350	64.8	50.7	37	0															0	3	.040			21-22
22 49	26.410	64.5	49.5	43	0															0					22-23
23 45	26.445	64.3	45.2	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 0348	X	0	0	X	72	70	X	X						X		
	0348	1	0	0	0	73	70		0								
	0945	2	0	0	0	78	70		0								
	1544	3	0	0	0	83	78		0								
	2145	4	0	0	0	83	64		0								
	MID.	X	0	0	0	65	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0950	1550	2146
ATT. THERM. 60	69.5	72.0		
OBSRVD. BAR. 61	26.500	26.500	26.270	
TOTAL CORR. 62	-.109	-.115		
STA. PRESS. 63	26.391	26.385	26.270	26.350
BAROGRAPH 64	26.390	26.390	26.270	26.345
BAR. CORR. 65	±0	-.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	44	N	1343					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:

WSMO DESERT ROCK OFFICIALLY OPENED THIS DATE. LAT 36°37'N
LONG 116° 01'W — H_p = 3310' H_z = 3302.8' MERCURIAL BARO.
1420 - ANEROID BARO. # WALLACE AND TIERNAN PP 14092

MF1-10B
ELEVATIONS:

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV.

DATE: MAY 16 1978

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
R	0047	CLR	20			074	57	26	36	10		984	234	CRD
R	0146	CLR	20			078	56	25	02	07		985		CRD
R	0251	CLR	20			078	55	25	02	14	G22	985		CRD
R	0352	CLR	20			087	54	20	01	08		987	310 1001 52 RADAT 32085	[illegible]
R	0451	250-SCT	20			101	51	25	03	05		991		[illegible]
R	0547	250-SCT	20			109	53	31	02	13		993		[illegible]
R	0654	CLR	20			118	55	28	02	14		995	224 1001	CG
R	0750	250-SCT	20			124	57	27	36	15		996		WRG
R	0850	250-SCT	20			123	59	25	01	14		996		WRG
R	0950	250-SCT	20			122	62	21	03	18	G25	996	103 1104 62	WRG
R	1050	80 SCT 250-SCT	20			122	63	21	01	12	G24	996		WRG
R	1151	80 SCT 250 SCT	20			118	65	23	03	17	G26	995	PK WND 0426/48	[illegible]
R	1252	80 SCT 250 SCT	20			115	68	23	36	16	G22	994	807 1101	[illegible]
R	1347	80 SCT 250 SCT	20			116	66	19	04	10	G18	994	PK WND 3627/27	[illegible]
R	1450	80 SCT 250 SCT	20			110	68	18	05	16	G21	992	PK WND 0326/07	008
R	1549	80 SCT 250 SCT	20			111	70	24	03	16	G26	993	PK WND 0226/41/703	008
													1101 71 RADAT 49117	008
R	1644	250 SCT	20			112	68	20	03	11		993	PK WND 0426/09	008
R	1747	250-SCT	20			118	64	23	04	12		994		CRD
R	1848	250-SCT	20			126	64	18	03	18	G25	996	PK WND 0325/40/310 1008	CRD
R	1950	250-SCT	20			133	62	19	03	16	G24	998	PK WND 0329/32	CRD
R	2050	CLR	20			146	59	22	03	08		002		CRD
R	2148	CLR	20			152	56	23	04	07		004	222 71	CRD
R	2245	CLR	20			155	53	30	04	08		004		CRD
R	2345	CLR	20			156	53	28	03	08		005		CRD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK, NV.
DATE: MAY 16 1978

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 47	26.450	57.3	43.3	30	0															0	2	.100			00-01
01 46	26.460	56.4	42.5	29	0															0					01-02
02 51	26.460	54.8	41.8	31	0															0					02-03
03 52	26.490	54.0	40.2	27	0	0	Cl	250												0	3	.030			03-04
04 51	26.510	51.3	40.0	36	3															0					04-05
05 47	26.530	53.1	42.8	42	2															0					05-06
06 54	26.550	54.7	42.6	36	0	0	Cl	250												0	2	.070			06-07
07 50	26.560	56.6	43.3	31	2															0					07-08
08 50	26.560	58.8	43.9	27	2															1					08-09
09 50	26.560	62.0	44.3	21	5	0	CU	80	5	CS	250	5								2	1	.010			09-10
10 50	26.560	62.9	44.9	20	5															2					10-11
11 51	26.550	65.2	46.2	20	1															1					11-12
12 52	26.540	67.8	47.5	18	2	1	CU	80	1	Ci	250	2								2	8	.020			12-13
13 47	26.540	66.2	45.8	16	2															2					13-14
14 50	26.530	67.7	46.3	15	3															2					14-15
15 49	26.530	69.8	47.6	18	3	1	CU	80	2	Ci	250	3								2	7	.010			15-16
16 44	26.525	67.9	46.9	16	2															2					16-17
17 47	26.540	67.0	47.0	18	4															1					17-18
18 48	26.560	64.1	44.7	17	4	4	Cs	250												2	3	.030			18-19
19 50	26.580	61.8	43.8	19	2															0					19-20
20 50	26.610	58.8	43.0	24	0															0					20-21
21 48	26.625	56.4	42.1	27	0															0	2	.065			21-22
22 45	26.630	53.4	42.6	40	0															0					22-23
23 45	26.640	53.4	42.0	37	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	59	52	X	X						X		
	0348	1	0	0	0	65	52		0								
	0945	2	0	0	0	62	50		0								
	1549	3	0	0	0	71	61		0								
	2145	4	0	0	0	71	55		0								
	MID.	X	0	0	0	56	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.560	26.630	26.625
BAROGRAPH 64	26.485	26.565	26.620	26.615
BAR. CORR. 65	-.005	-.005	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	50	0	0	0	29	03	1932					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NV

DATE: MAY 17 1978

TO CONVERT LST TO GMT ADD 8 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)	COL. SERVERS INITIALS (15)
R	0045	CLR	20			156	50	21	06	08		005	105	CRD
R	0145	CLR	20			159	51	22	05	05		005		CRD
R	0245	CLR	20			160	50	22	05	10		006		CRD
R	0347	CLR	20			161	49	22	04	04		007	305 48 RADAT 38081	MR
R	0447	300 - OVC	20			167	50	22	06	07		008		MR
R	0547	300 - OVC	20			169	53	22	05	11		009		MR
R	0645	300 - OVC	20			172	55	22	04	12		010	108 1007	MR
R	0749	300 - BKN	20			172	58	20	04	17	G25	010	PK WND 0425/48	MR
R	0849	300 - OVC	20			165	60	19	04	17		008	PK WND 0525/32	MR
R	0949	300 - OVC	20			162	63	21	05	10	G20	007	* 808 1007 48 *PK WND 0428/48	MR
R	1049	300 - BKN	20			153	65	20	02	11		004		MR
R	1148	300 - OVC	20			146	68	22	05	12	G24	003		MR
R	1247	300 - OVC	20			140	71	20	03	14	G21	001	619 1007	MR
R	1346	300 - OVC	20			130	71	16	05	08		998		MR
R	1446	300 - OVC	20			124	72	22	04	14		996		SH
R	1547	300 - OVC	20			117	74	23	34	08	G18	995	719 1007 75 RADAT 33106	SH
R	1646	300 - BKN	20			116	74	17	01	06		994		SH
R	1745	CLR	20			110	74	19	07	05		993		CG
R	1849	CLR	20			118	70	17	05	04		995	302	CG
R	1945	CLR	20			125	63	22	10	04		996		CG
R	2049	CLR	20			133	61	27	36	03		998		CG
R	2145	CLR	20			136	58	27	01	04		999	114 75	CG
R	2249	CLR	20			134	61	29	05	12		999		CG
R	2349	CLR	20			140	61	23	05	12		002		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: LUSMO DESERT ROCK NV.
DATE: MAY 14 1978

To convert L.S.T. 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	26.640	49.8	39.2	32	0															0					00-01
01 45	26.640	50.6	39.0	33	0															0	1	.015			01-02
02 45	26.650	50.4	38.8	33	0															0					02-03
03 47	26.655	49.2	38.2	34	0															0					03-04
04 47	26.665	49.9	38.6	34	10															0	3	.015			04-05
05 47	26.675	52.8	40.1	30	10															0					05-06
06 45	26.680	55.0	41.1	27	10	10	CS	300												0					06-07
07 49	26.680	57.7	42.0	23	7															0	1	.025			07-08
08 49	26.665	60.4	43.2	20	10															0					08-09
09 49	26.655	63.3	45.0	20	10	10	CS	300												0					09-10
10 49	26.630	65.0	45.5	18	9															0	5	.025			10-11
11 48	26.615	67.8	47.3	18	10															0					11-12
12 47	26.600	71.1	48.3	14	10	10	CS	300												0					12-13
13 46	26.575	71.2	47.6	12	10															0	6	.055			13-14
14 46	26.560	72.4	49.3	15	10															0					14-15
15 47	26.545	74.4	50.2	14	10	10	CS	300												0					15-16
16 46	26.540	74.1	49.0	12	8															0	7	.055			16-17
17 45	26.530	73.9	49.3	13	0															0					17-18
18 49	26.550	69.6	47.0	13	0															0					18-19
19 45	26.560	63.3	45.2	21	0															0	3	.005			19-20
20 49	26.580	60.7	45.1	27	0															0					20-21
21 45	26.590	58.3	44.0	30	0															0					21-22
22 49	26.590	61.3	46.2	30	0															0	1	.010			22-23
23 49	26.610	60.5	44.0	23	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	51	48	X	X						X		
	0343	1	0	0	0	56	48		0								
	0945	2	0	0	0	65	48		0								
	1343	3	0	0	0	75	63		0								
	2143	4	0	0	0	75	58		0								
	MID.	X	0	0	0	63	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.655	26.653	26.595	26.590
BAROGRAPH 64	26.665	26.660	26.540	26.580
BAR. CORR. 65	-.010	-.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	48	0	0	0	28	04	0552					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 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: 45110 DESERT ROCK NEVADA
DATE: MAY 10 1978
TO CONVERT LST TO GMT ADD 8 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)	RECORDER (15)
R	0050	CLR	20			139	59	23	04	10		002	107	CG
R	0145	CLR	20			139	57	25	04	12		002		CG
R	0249	CLR	20			138	57	25	04	13		002		CG
R	0345	CLR	20			140	55	24	04	10		002		CG
R	0445	CLR	20			144	54	24	04	10		003	400 55 RADAT 34104	MR
R	0544	CLR	20			151	58	24	04	11		005		MR
R	0649	CLR	20			158	60	24	04	11		007		MR
R	0746	CLR	20			158	64	25	02	12		007	214	MR
R	0845	CLR	20			156	68	26	03	10		007		MR
R	0945	300 - OVC	20			150	71	25	35	07		005	CI SE-SW	MR
R	1046	300 - OVC	20			146	72	25	01	09		004	803 1007 53	MR
R	1149	300 - OVC	20			138	72	22	20	03		002		MR
R	1245	300 - SCT	20			133	74	22	04	07		000		MR
R	1346	300 - SCT	20			127	77	27	29	04		999	715 1008	MR
R	1445	300 - SCT	20			122	76	23	19	02		998		MR
R	1546	CLR	20			118	80	17	23	03		997		MR
R	1647	CLR	20			120	80	15	23	02		997	712 1008 80 RADAT 20116	CG
R	1745	CLR	20			117	79	20	28	03		997		CG
R	1845	CLR	20			122	74	24	21	02		998		CG
R	1945	CLR	20			130	66	28	05	02		999	303 1008	CG
R	2045	CLR	20			137	66	29	09	05		002		CG
R	2149	CLR	20			143	63	27	10	03		003		CG
R	2248	CLR	20			135	62	28	10	07		003	117 80	CG
R	2349	CLR	20			144	58	25	02	04		004		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_{dapp} $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NEVADA

DATE: MAY 18 1978

To convert LST to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.610	58.9	43.4	25	0															0	1	-.020			00-01
01 45	26.610	57.4	42.0	28	0															0					01-02
02 49	26.610	57.0	42.8	29	0															0					02-03
03 45	26.610	55.1	41.8	30	0															0	4	.000			03-04
04 45	26.620	59.3	41.4	31	0															0					04-05
05 44	26.640	57.7	43.1	27	0															0					05-06
06 47	26.650	60.1	44.2	25	0															0	2	.040			06-07
07 46	26.655	63.9	46.1	23	0															0					07-08
08 45	26.650	68.0	48.2	20	0															0					08-09
09 45	26.640	70.5	49.2	18	10	10	CS	300												0	8	.010			09-10
10 46	26.630	71.5	49.6	18	10	1														0					10-11
11 49	26.610	72.2	49.1	15	10															0					11-12
12 45	26.595	73.5	49.6	14	5	5	CS	300												0	7	.045			12-13
13 46	26.585	76.5	52.0	16	1															0					13-14
14 45	26.570	75.6	50.9	14	1															0					14-15
15 46	26.560	79.5	51.2	9	0	0	CS	300												0	7	.035			15-16
16 47	26.565	79.8	51.0	9	0															0					16-17
17 45	26.560	78.6	51.4	11	0															0					17-18
18 45	26.570	73.9	50.4	16	0	0	CS	300												0	3	.010			18-19
19 45	26.585	65.5	47.7	24	0															0					19-20
20 45	26.610	65.7	48.0	25	0															0					20-21
21 49	26.620	62.6	46.2	26	0															0	1	-.050			21-22
22 48	26.615	61.5	46.0	28	0															0					22-23
23 49	26.625	58.4	43.5	27	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	61	55	X	X						X		
	0340	1	0	0	0	63	55		0								
	0942	2	0	0	0	72	53		0								
	1543	3	0	0	0	80	71		0								
	2145	4	0	0	0	80	63		0								
	MID.	X	0	0	0	63	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1541	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.640	26.580	26.620
BAROGRAPH 64	26.610	26.640	26.570	26.615
BAR. CORR. 65	0	* 0	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	53	0	0	0	17	01	0922					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:

* BAROGRAPH CHANGED AND RESET TO ZERO CORRECTION

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO DESERT ROCK NEVADA

DATE: MAY 19 1978

TO CONVERT LST TO GMT ADD 8 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)
R	0045	CLR	20			145	56	28	35	03		004	102	CG
R	0145	CLR	20			144	54	28	10	05		004		CG
R	0245	CLR	20			148	52	30	36	02		004		CG
R	0349	CLR	20			145	53	27	05	04		004	102 50 RADAT 32112	MR
R	0446	CLR	20			149	53	28	02	05		005		MR
R	0547	CLR	20			153	57	28	10	02		007		MR
R	0647	CLR	20			155	66	26	34	04		008	212	MR
R	0749	CLR	20			156	69	28	14	03		008		MR
R	0845	CLR	20			152	74	31	35	04		007		MR
R	0946	CLR	20			148	80	26	09	08		007	805 50	MR
R	1047	CLR	20			144	79	15	04	06		005		MR
R	1148	CLR	20			142	79	18	07	07		004		MR
R	1249	CLR	20			135	82	21	24	05		002	714	MR
R	1345	CLR	20			127	83	19	19	04		000		MR
R	1445	CLR	20			124	82	17	30	04		998		MR
R	1549	CLR	20			117	84	19	22	07		997	717 84 RADAT 29119	CG
R	1646	CLR	20			115	84	23	34	03		996		CG
R	1745	CLR	20			114	83	22	22	06		996		CG
R	1845	CLR	20			112	79	24	25	04		997	500	CG
R	1945	CLR	20			118	70	25	04	05		997		CG
R	2045	CLR	20			124	66	31	10	03		999		CG
R	2146	CLR	20			125	62	27	06	04		000	110 84	CG
R	2248	CLR	20			124	59	27	07	02		999		CG
R	2348	CLR	20			124	57	25	09	02		999		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR,s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: DESERT ROCK NEVADA

DATE: MAY. 19 1978

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	26.625	55.9	43.4	35	0															0	1	.005			00-01
01 45	26.625	54.4	42.6	37	0															0					01-02
02 45	26.650	51.7	41.6	42	0															0					02-03
03 49	26.630	53.0	41.4	36	0															0	1	.005			03-04
04 46	26.640	53.3	41.8	37	0															0					04-05
05 47	26.655	57.3	44.0	33	0															0					05-06
06 47	26.665	66.1	47.8	22	0															0	2	.035			06-07
07 49	26.665	69.0	49.2	21	0															0					07-08
08 45	26.655	73.5	52.0	21	0															0					08-09
09 46	26.650	77.8	53.3	14	0															0	8	.015			09-10
10 47	26.635	78.5	50.5	9	0															0					10-11
11 48	26.630	79.2	51.4	10	0															0					11-12
12 49	26.610	81.5	52.8	11	0															0	7	.040			12-13
13 45	26.590	82.9	53.1	9	0															0					13-14
14 45	26.575	81.7	52.2	9	0															0					14-15
15 49	26.560	83.9	53.5	9	0															0	7	.050			15-16
16 46	26.555	83.7	54.1	11	0															0					16-17
17 45	26.555	82.6	53.5	11	0															0					17-18
18 55	26.560	79.0	52.4	13	0															0	5	.000			18-19
19 45	26.565	70.2	49.0	18	0															0					19-20
20 45	26.580	65.9	48.7	27	0															0					20-21
21 46	26.590	62.3	46.0	26	0															0	1	.030			21-22
22 48	26.580	59.1	44.4	29	0															0					22-23
23 48	26.580	57.2	43.0	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 0343		0	0		59	50										
	0343	1	0	0	0	63	50		0								
	0942	2	0	0	0	80	51		0								
	1546	3	0	0	0	84	79		0								
	2145	4	0	0	0	84	62		0								
	MID.		0	0	0	62	57										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.650	26.560	26.576
BAROGRAPH 64	26.635	26.655	26.560	26.576
BAR. CORR. 65	-.005	-.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
84	50	0	0	0	17	23	1305					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 2 0

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	(15)
R	0050	CLR	20			121	55	25	04	02		998	707 1001	CG
R	0145	CLR	20			119	59	27	31	03		998		CG
R	0245	CLR	20			121	55	23	05	02		998		CG
R	0347	300 - SCT	20			120	54	27	29	02		998	400 1005 51 RAPAT	MR
													20121	
R	0449	300 - BKN	20			124	53	24	10	03		999		MR
R	0547	300 - BKN	20			127	59	27	31	02		000		MR
R	0645	300 - BKN	20			131	65	24	00	00		002	212 1001	MR
R	0745	300 - OVC	20			135	70	23	00	00		002		MR
R	0845	300 - OVC	20			131	77	26	28	02		002		MR
R	0946	E300 OVC	20			127	82	23	00	00		000	803 1002 51	MR
R	1047	E270 OVC	20			126	81	19	00	00		000		MR
R	1146	E270 OVC	20			122	83	22	22	08		999		MR
R	1246	E270 OVC	20			119	84	25	22	05		998	808 1002	MR
R	1348	E270 OVC	20			116	83	22	00	00		997		MR
R	1448	E250 OVC	20			108	84	17	33	04		994		MR
R	1548	E300 BKN	20			103	85	16	23	10		993	715 1008 85 RAPAT 33124	CG
R	1647	E300 BKN	20			099	83	19	23	10		992		CG
R	1746	E300 BKN	20			097	84	20	18	08		992		CG
R	1845	E300 BKN	20			097	80	18	16	04		992	502 1008	CG
R	1948	E300 BKN	20			100	74	24	15	04		993		CG
R	2045	300 SCT	20			101	69	26	09	02		993		CG
R	2147	300 SCT	20			101	68	25	00	00		994	205 1008 85	CG
R	2245	300 SCT	20			101	63	23	31	02		993		CG
R	2345	300 SCT	20			103	60	25	05	03		994		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR,s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 20

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	26.570	55.0	42.0	31	0	0	Ci	300												0	7	.020			00-01
01 45	26.570	58.5	44.1	29	0															0					01-02
02 45	26.570	55.0	41.5	29	0															0					02-03
03 47	26.570	54.2	42.0	34	5	5	Ci	300												0	4	.000			03-04
04 49	26.580	53.0	40.6	32	9															2					04-05
05 47	26.590	58.5	44.1	29	9															2					05-06
06 45	26.605	65.0	46.5	21	9	9	Ci	300												2	2	.035			06-07
07 45	26.610	70.3	48.6	17	10															2					07-08
08 45	26.605	76.5	51.9	15	10															3					08-09
09 48	26.595	81.5	53.2	11	10	10	Ci	E300												6	8	.010			09-10
10 47	26.590	81.2	52.3	10	10															9					10-11
11 46	26.580	83.4	53.7	10	10															9					11-12
12 46	26.570	84.0	54.7	12	10	10	Ci	E270												8	8	.025			12-13
13 48	26.565	82.9	53.6	11	10															8					13-14
14 48	26.540	84.1	53.1	8	10															9					14-15
15 48	26.525	84.5	53.2	8	9	9	Cs	E300												9	7	.045			15-16
16 47	26.515	82.9	53.0	9	9															9					16-17
17 46	26.515	83.5	53.4	10	9															9					17-18
18 45	26.520	77.9	51.7	10	9	9	Cs	E300												6	5	.005			18-19
19 48	26.525	73.5	50.1	15	8															5					19-20
20 45	26.530	69.2	48.7	19	5															4					20-21
21 47	26.535	67.7	48.0	20	4	4	Cs	300												3	2	.015			21-22
22 45	26.530	63.1	45.3	21	1															1					22-23
23 45	26.535	60.4	44.6	26	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	57	51	X	X						X		
	0342	1	0	0	0	62	51		0								
	0943	2	0	0	0	83	51		0								
	1545	3	0	0	0	85	81		0								
	2145	4	0	0	0	85	68		0								
	MID.	X	0	0	0	68	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.595	26.525	26.535
BAROGRAPH 64	26.570	26.600	26.530	26.520
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
85	51	0	0	0	16	23	1516					10			

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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 21

TO CONVERT LST TO GMT ADD 8 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 (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)
R	0045	300 SCT	20			102	60	24	00	00		993	802 1008	CG
R	0150	300 SCT	20			103	57	25	00	00		993		CG
R	0250	CLR	20			104	55	25	00	00		993		RD
R	0346	CLR	20			104	54	29	00	00		993	500 1008 54 RADAT 34119	CG
R	0446	CLR	20			101	55	25	00	00		992		RD
R	0550	CLR	20			101	60	27	14	02		993		RD
R	0652	CLR	20			103	65	32	16	02		993	302 1001	RD
R	0749	CLR	20			102	72	32	23	02		993		RD
R	0848	CLR	20			096	77	30	15	03		993		RD
R	0951	300 - SCT	20			098	81	31	28	04	G14	993	602 1001 52	RD
R	1053	300 - SCT	20			095	86	22	21	18	G27	992	PK WND 2027/52	RD
R	1150	300 - SCT	20			095	86	21	18	14		992	PK WND 1926/04	RD
R	1252	300 - SCT	20			094	88	20	19	17	G30	991	PK WND 1730/43 /707	
—			—			—	—					—	1001	RD
R	1350	300 - SCT	20			091	86	17	14	12		990		RD
R	1446	300 SCT	20			077	87	20	22	17	G25	986	PK WND 2025/43	CG
R	1547	300 - SCT	20			077	88	20	20	23		986	717 1001 89 RADAT 22133	RD
R	1650	300 SCT	20			068	87	24	19	15	G23	983		CG
R	1750	300-SCT	20			063	85	22	17	12	G19	984		CG
R	1849	CLR	20			067	81	22	17	07		983	707 1001	CG
R	1949	CLR	20			069	77	19	21	05		984		CG
R	2047	CLR	20			077	70	21	20	12	G17	987		CG
R	2148	250 SCT	20			073	73	19	11	02		987	110 1002 89	CG
R	2247	80 SCT 250 SCT	20			072	71	27	13	07		987		CG
R	2346	70 SCT 250 SCT	20			067	73	25	15	09		986		CG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WAMO DESERT ROCK, NV
DATE: 1978 MAY 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	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	
0045	26.530	50.1	44.0	24	1	1	Cs	300												1	8	.005			00-01
0150	26.525	57.2	43.1	29	1															1					01-02
0250	26.530	55.2	42.1	31	0															0					02-03
0346	26.530	53.6	42.5	39	0	0	Cs	300												0	5	.000			03-04
0446	26.520	55.0	42.0	31	0															0					04-05
0550	26.530	60.2	45.0	28	0															0					05-06
0652	26.535	65.0	48.5	29	0	0	Ci	300												0	3	.005			06-07
0749	26.530	71.8	51.6	23	0															0					07-08
0848	26.530	77.2	53.2	18	0															0					08-09
0951	26.530	81.2	55.2	16	1	1	Ci	300												0	6	.005			09-10
1053	26.520	86.3	55.0	9	5															1					10-11
1150	26.515	85.7	54.4	9	3															1					11-12
1252	26.510	87.6	55.0	8	2	2	Ci	300												0	7	.020			12-13
1350	26.500	86.2	54.0	8	2															0					13-14
1446	26.465	87.4	55.0	8	3															2					14-15
1547	26.460	87.5	55.2	8	2	2	Ci	300												1	7	.050			15-16
1650	26.440	86.1	55.6	10	2															2					16-17
1750	26.430	85.0	54.3	10	2															1					17-18
1849	26.440	81.3	53.0	11	0	0	Ci	300												0	7	.010			18-19
1949	26.450	76.5	50.3	11	0															0					19-20
2047	26.470	70.3	48.0	15	0															0					20-21
2148	26.470	73.0	48.4	13	5	5	Ci	250												5	1	.030			21-22
2247	26.470	70.7	49.7	19	5															5					22-23
2346	26.460	73.1	50.1	16	4															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 0343	X	0	0	X	60	54	X	X						X		
	0343	1	0	0	0	68	54		0								
	0945	2	0	0	0	81	52		0								
	1545	3	0	0	0	89	81		0								
	2148	4	0	0	0	88	70		0								
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1545	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.530	25.460	26.470
BAROGRAPH 64	26.525	26.540	25.470	26.470
BAR. CORR. 65	+.005	-.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
89	52	0	0	0	30	17	1243					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 22

TO CONVERT LST TO GMT ADD 8 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)	GMT SERVICE INITIALS (14)
R	0047	70 SCT 250 SCT	20			063	72	23	19	11		984	807 1402	008
R	0146	250 SCT	20			060	71	24	19	08		983		008
R	0250	250 SCT	20			053	70	24	19	12		981		008
R	0350	250 SCT	20			049	70	20	19	10		980	714 1031 69 RADAT 20128	RD
R	0450	160 SCT 250 SCT	20			053	70	16	22	04		981		RD
R	0550	160 SCT E250 BKN	20			063	69	22	32	06		983		RD
R	0652	160 SCT 250 -BKN	20			064	74	22	18	09		984	2-12 1041	RD
R	0750	160 SCT 250 - BKN	20			069	78	20	19	12		986	ACSL SE	RD
R	0848	250- BKN	20			073	78	22	22	17		986		RD
R	0948	250 -BKN	20			070	80	20	18	16	G29	986	PK WND 2229/47 /105 1046 68	RD
R	1050	250 - BKN	20			074	80	19	18	21	G31	986	PK WND 1531/45	RD
R	1150	250 - BKN	20			067	80	17	22	24	G31	985	ACSL SE PK WND 2131/48	RD
R	1250	E250 BKN	20			064	84	14	20	22	G31	984	ACSL SE PK WND 2032/28	
—	—		—			—	—					—	/805 1048	RD
R	1347	160 SCT E250 BKN	20			060	82	11	22	20		982	ACSL SE PK WND 2031/03	RD
R	1448	160 SCT 250 - BKN	20			056	82	18	15	16		981	ACSL SE PK WND 1930/33	RD
R	1550	150 SCT 250 - BKN	20			047	81	20	20	17	G29	979	PK WND 1932/05 /715	
—	—		—			—	—		—	—		—	1031 85 RADAT 20139	008
R	1648	250 SCT	20			036	82	15	21	19	G28	976	PK WND 1932/37	008
R	1750	250 SCT	20			033	81	15	22	21	G32	974	PK WND 2132/13	008
R	1845	150 SCT 250 SCT E300 BKN 350 BKN	20			034	76	19	21	21	G29	974	PK WND 2130/31 614	008
—	—		—			—	—		—	—		—	1066	008
R	1946	150 SCT 250 SCT E300 BKN	20			031	75	14	21	14	G17	974	PK WND 2128/1852	008
R	2046	150 SCT E250 BKN	20			033	73	20	15	12		974		008
R	2147	150 SCT E250 BKN	20			025	71	23	17	10		972	807 1066 85	008
R	2245	E250 BKN	20			024	67	24	14	05		971		008
R	2348	E250 BKN	20			019	69	20	13	10	G18	970		008

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iiiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 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 47	26.450	72.4	49.5	16	4	1	SC	70	3	CI	250	4								4	8	.020			00-01
01 46	26.440	70.9	49.1	17	4															4					01-02
02 50	26.420	70.3	48.7	17	5															5					02-03
03 50	26.410	70.4	48.0	15	4	0	AC	160	4	CI	250	4								3	7	.040			03-04
04 50	26.420	70.2	47.1	12	5															4					04-05
05 50	26.440	69.0	47.8	17	6															4					05-06
06 52	26.445	73.8	49.9	14	6	2	AC	160	4	CI	250	6								3	2	.035			06-07
07 50	26.460	77.6	51.0	12	8															4					07-08
08 48	26.460	77.8	51.4	12	8															4					08-09
09 48	26.460	80.0	52.0	11	8	0	AC	160	8	CI	250	8								3	1	.015			09-10
10 50	26.460	80.4	52.0	10	8															4					10-11
11 50	26.455	80.0	51.4	9	8															4					11-12
12 50	26.445	81.0	52.6	7	8	0	AC	160	8	CS	E250	8								5	3	.015			12-13
13 47	26.430	82.0	51.4	7	8															5					13-14
14 48	26.420	82.0	52.4	9	8															4					14-15
15 50	26.400	81.2	52.5	10	7	1	AC	150	6	CS	250	7								2	7	.045			15-16
16 48	26.370	82.0	52.0	8	5															4					16-17
17 50	26.360	80.6	51.4	8	4															3					17-18
18 45	26.360	75.6	50.0	12	8	1	AC	150	2	CS	250	3	3	CI	E300	6	2	CI	350	7	6	.040			18-19
19 46	26.360	75.2	49.0	10	7															7					19-20
20 46	26.360	72.6	48.8	13	7															7					20-21
21 47	26.340	70.9	48.7	16	8	2	AC	150	6	CS	E250	8								7	8	.020			21-22
22 45	26.330	69.1	47.4	19	6															4					22-23
23 48	26.320	69.4	47.6	15	7															7					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	73	69	X	X						X		
	0342	1	0	0	6	73	69		6								
	0942	2	0	0	0	80	65		0								
	1550	3	0	0	0	85	79		0								
	2147	4	0	0	0	82	70		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1552	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.40	26.460	26.400	26.340
BAROGRAPH 64	26.420	26.450	26.390	26.365
BAR. CORR. 65	-.010	+.010	+.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Inc.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	66	0	0	0	32	21	1713*					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:

CHANGED MICROBAROGRAPH 1005 LST RESET TO ZERO

* LAST OF SEVERAL OCCURRENCES

MF1-10B

☆ U.S.GPO:1977-0-785-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 2 4

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY 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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	
R	0047	E 250 BKN	20			009	69	25	13	12	G18	968	814 1006	008
R	0148	E 250 BKN	20			008	65	26	03	05		967		008
R	0249	E 200 BKN	20			001	65	22	04	04		965		008
R	0346	120 SCT E 200 BKN	20			003	69	17	22	06		966	507 1066 64 RADAT20122	008
R	0446	E200 BKN	20			004	64	25	23	11		966		RD
R	0550	200 SCT	20			001	65	26	19	17		965		RD
R	0652	200 SCT	20			009	64	28	19	12		966	500 1008	RD
R	0749	200 SCT	20			010	69	25	19	18	G26	967	ACSL SE PK WND 1926/46	RD
R	0849	160 SCT 200 SCT	20			006	69	22	21	20	G33	965	ACSL E PK WND 2033/44	RD
R	0951	200 SCT	20			001	73	20	20	22	G34	964	PK WND 2134/43 505 1048 62	RD
R	1051	CLR	20			007	75	15	19	24	G31	966	PK WND 1943/15	RD
R	1150	250 - BKN	20			998	70	25	19	28	G42	962	PK WND 1942/41	RD
R	1252	250 - OVC	20			995	73	13	21	40	G56	962	PK WND 2154/50 /807 1007	RD
R	1351	250 - OVC	20			009	71	6	20	28		965	PK WND 1956/07	RD
R	1445	250 - OVC	20			013	71	4	20	23	G36	966	PK WND 2143/02	008
R	1546	250 - BKN	20			014	68	14	20	28	G34	967	PK WND 1937/22 / 115	
													1006 75 RADAT 25099	008
R	1648	250 - BKN	20			015	70	5	17	23	G29	967	PK WND 2137/2302	008
R	1747	250 - BKN	20			024	68	16	20	17	G22	969	PK WND 1829/0054	008
R	1844	250 - BKN	20			033	65	5	20	11	G22	971	314 1006	008
R	1946	250 - BKN	20			035	64	6	22	16	G24	972		008
R	2047	250 - SCT	20			044	60	12	20	16		974		008
R	2148	250 - SCT	20			058	60	11	04	11		979	324 1006 75	008
R	2247	250 - SCT	20			068	58	10	27	03		982		008
R	2346	250 - SCT	20			085	54	16	04	05		986		008

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WOMO, DESERT ROCK, NV

DATE: 1978 MAY 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	HRS.
00 47	26.300	69.1	48.4	19	8	8	CS	250												6	8	.040			00-01
01 48	26.290	64.9	47.4	25	7															6					01-02
02 49	26.270	64.5	45.7	20	8															7					02-03
03 46	26.280	68.5	46.4	13	7	1	AC	120	6	CS	5200	7								7	5	.020			03-04
04 46	26.280	63.8	46.0	22	7															7					04-05
05 50	26.270	65.0	47.0	23	5															5					05-06
06 52	26.280	69.7	47.4	25	5	5	CS	200												4	5	.000			06-07
07 49	26.290	69.0	47.4	19	3															3					07-08
08 49	26.295	69.3	47.8	16	2															2					08-09
09 51	26.265	73.0	49.0	13	1	0	AC	160	1	CS	200	1								1	8	.015			09-10
10 57	26.280	75.8	49.0	10	0															0					10-11
11 50	26.250	79.3	49.1	18	6															0					11-12
12 52	26.245	73.0	47.8	10	10	10	CS	250												0	8	.020			12-13
13 51	26.275	71.3	46.0	8	10															0					13-14
14 45	26.285	70.8	45.6	7	10															2					14-15
15 46	26.290	67.6	46.5	12	8	8	CS	250												2	1	.045			15-16
16 48	26.290	70.2	45.5	8	6	1														2					16-17
17 47	26.310	67.8	44.4	13	6															2					17-18
18 44	26.330	65.0	43.0	9	6	6	CS	250												2	3	.040			18-19
19 46	26.340	63.5	42.4	10	6															2					19-20
20 47	26.360	60.2	41.7	15	5															2					20-21
21 48	26.400	60.0	41.4	14	5	5	CS	250												2	3	.070			21-22
22 47	26.430	58.4	40.4	14	5															2					22-23
23 46	26.460	53.9	39.1	22	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 0346		0	0		70	64										
	0346	1	0	0	0	71	64		G								
	0943	2	0	0	0	73	62		0								
	1546	3	0	0	0	75	67		0								
	2148	4	0	0	0	70	58		0								
	MID.		0	0	0	60	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0943	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.280	26.265	26.290	26.400
BAROGRAPH 64	26.295	26.275	26.290	26.420
BAR. CORR. 65	-.015	-.010	±0	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	53	0	0	0	56	19	1307					6			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 24

TO CONVERT LST TO GMT ADD 6 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's-°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	[illegible] (14)
R	0046	250 - SCT	20			084	52	20	01	10		986	120 1006	008
R	0145	250 - SCT	20			090	50	20	04	08		987		008
R	0248	250 - SCT	20			091	47	26	16	03		987		008
R	0345	250 - SCT	20			098	48	17	05	04		988	307 1001 45 RADAT 24081	GH
R	0445	250 - BKN	20			109	46	18	04	07		991		GH
R	0545	250 - OVC	20			121	46	18	02	04		994		GH
R	0645	250 - OVC	20			118	54	17	36	06		994	120 1007	GH
R	0745	250 - OVC	20			118	57	12	02	10		994		GH
R	0845	250 - OVC	20			115	60	9	17	04		993		GH
R	0945	250 - OVC	20			114	62	7	22	03		993	603 1007 44	GH
R	1045	250 - OVC	20			112	65	6	29	08		993		GH
R	1145	250 - OVC	20			106	68	15	22	14		991	[illegible]	GH
R	1245	250 - OVC	20			099	67	10	34	05		989	814 1007	GH
R	1345	250 - OVC	20			092	69	6	23	14 G 22		987		GH
R	1446	250 - OVC	20			084	70	7	18	11 G 20		984		008
R	1547	250 - OVC	20			077	70	11	22	16		982	720 1006 71 RADAT 30054	008
R	1646	250 - OVC	20			077	70	7	22	14 G 21		982		008
R	1747	250 - OVC	20			079	67	4	20	15 G 23		982		008
R	1848	250 - OVC	20			072	65	10	19	13 G 17		981	803 1006	008
R	1946	250 - OVC	20			072	63	12	16	09		981		008
R	2045	250 - OVC	20			077	58	8	17	06		982		008
R	2145	250 - OVC	20			080	57	16	13	03		983	307 1006 71	008
R	2248	250 - OVC	20			079	56	16	16	08		983		008
R	2347	250 - OVC	20			078	55	14	16	09 G 14		983		008

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ $T_dT_d$app $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1970 MAY 2 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	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	26.460	51.6	35.9	29	4	4	CS	250																	00-01
01 45	26.470	50.1	38.0	30	4															1	1	.060			01-02
02 48	26.470	47.1	38.3	44	4															1					02-03
03 45	26.480	47.5	36.0	29	3	3	Ci	250												1					03-04
04 45	26.570	45.8	35.2	32	6															1	3	.020			04-05
05 45	26.540	46.3	35.6	32	10															1					05-06
06 45	26.540	54.0	39.5	23	10	10	CS	250												2					06-07
07 45	26.540	56.9	40.0	17	10															2	1	.060			07-08
08 45	26.530	60.9	41.0	13	10															2					08-09
09 45	26.530	62.4	40.8	11	10	10	CS	250												2					09-10
10 45	26.530	65.1	43.2	10	10															2	6	.010			10-11
11 45	26.520	68.0	45.8	13	10															2					11-12
12 45	26.490	69.0	44.5	10	10	10	CS	250												2					12-13
13 45	26.470	69.4	45.2	8	10															2	8	.040			13-14
14 46	26.450	70.0	45.6	8	10															2					14-15
15 47	26.430	70.0	46.2	10	10	10	CS	250												2					15-16
16 46	26.430	69.7	45.3	9	10															2	7	.060			16-17
17 47	26.430	67.3	44.0	8	10															2					17-18
18 48	26.420	64.8	43.6	11	10	10	CS	250												2					18-19
19 46	26.420	62.8	43.0	14	10															2	8	.010			19-20
20 45	26.430	58.1	40.3	13	10															3					20-21
21 45	26.440	56.8	40.6	19	10	10	CS	250												3					21-22
22 48	26.440	55.6	40.0	20	10															3	3	.020			22-23
23 47	26.440	54.5	39.2	20	10															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 (Inc.) 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	54	45	X	X						X		
	0345	1	0	0	0	60	45		0								
	0945	2	0	0	0	64	44		0								
	1547	3	0	0	0	71	51		0								
	2145	4	0	0	0	70	56		0								
	MID.	X	0	0	0	57	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.530	26.430	26.440
BAROGRAPH 64	26.520	26.545	26.450	26.450
BAR. CORR. 65	-.020	-.015	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	44	0	0	0	27	09	1144					10			

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 25

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
R	0048	250 - OVC	20			079	54	15	20	09		983	400 1006	GH
R	0146	250 - OVC	20			081	54	14	35	04		984		GH
R	0245	250 - OVC	20			083	52	27	18	04		984		GH
R	0345	250 - OVC	20			084	50	15	34	08		984	103 1007 49 RAOAT 36093	GH
R	0445	250 - OVC	20			088	48	18	03	05		986		GH
R	0545	250 - OVC	20			099	52	20	20	02		989		GH
R	0645	250 - OVC	20			106	56	18	29	04		991	220 1007	GH
R	0745	250 - OVC	20			113	58	18	25	05		993		GH
R	0854	250 - OVC	20			112	60	20	24	07		992		GH
R	0945	250 - OVC	20			109	64	19	17	05		992	003 1007 46	GH
R	1045	250 - OVC	20			108	67	22	24	10		992		GH
R	1145	250 - OVC	20			106	68	18	28	05		991		GH
R	1245	250 - OVC	20			103	68	22	09	05		990	807 1007	GH
R	1345	250 - OVC	20			096	71	15	23	04		989		GH
R	1445	250 - OVC	20			094	71	16	25	06		988		GH
R	1547	250 - OVC	20			087	71	13	25	12		986	714 1006 73 RAOAT 32103	JS
R	1649	250 - OVC	20			087	72	1	22	14		986		JS
R	1747	250 - OVC	20			086	71	5	23	12		986		JS
R	1846	E250 OVC	20			090	67	7	22	12		987	303 1007	JS
R	1946	E250 OVC	20			093	63	8	23	07		987		JS
R	2046	250 - OVC	20			100	62	10	27	03		989		JS
R	2147	250 - BKN	20			099	60	21	22	11		989	142 1008 73	JS
R	2246	250 - BKN	20			099	58	13	03	04		990		JS
R	2347	250 - SCT	20			100	53	15	04	06		989		JS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 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 48	26.440	54.0	39.0	21	10	10	CS	250												3	4	.000			00-01
01 46	26.450	54.2	39.0	20	10															3					01-02
02 45	26.450	51.8	40.4	38	10															3					02-03
03 45	26.450	49.5	36.7	25	10	10	CS	250												2	1	.010			03-04
04 45	26.460	47.6	36.2	30	10															2					04-05
05 45	26.490	52.0	39.0	28	10															1					05-06
06 45	26.510	55.8	40.6	22	10	10	CS	250												1	2	.060			06-07
07 45	26.530	58.2	41.7	20	10															2					07-08
08 54	26.520	60.0	43.0	21	10															2					08-09
09 45	26.520	63.8	44.6	17	10	10	CS	250												2	0	.010			09-10
10 45	26.515	66.9	46.7	18	10															2					10-11
11 45	26.510	67.8	46.4	15	10															2					11-12
12 45	26.500	68.4	47.5	17	10	10	CS	250												2	8	.020			12-13
13 45	26.490	70.7	47.1	12	10															2					13-14
14 45	26.480	71.3	47.5	12	10															2					14-15
15 47	26.460	71.1	47.2	11	10	10	CS	250												5	7	.040			15-16
16 49	26.460	71.7	46.7	6	10															4					16-17
17 47	26.460	71.2	45.9	7	10															5					17-18
18 46	26.470	67.3	44.3	9	10	10	CS	E250												6	3	.010			18-19
19 46	26.475	63.0	42.4	11	10															6					19-20
20 46	26.495	62.2	42.4	13	10															4					20-21
21 47	26.495	54.5	43.2	23	9	9	CS	250												4	1	.025			21-22
22 46	26.500	58.4	41.0	17	9															3					22-23
23 47	26.495	53.3	38.7	22	5															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	55	49	X	X						X		
	0345	1	0	0	0	57	49		0								
	0945	2	0	0	0	65	46		0								
	1545	3	0	0	0	73	64		0								
	2145	4	0	0	0	72	59		0								
	MID.	X	0	0	0	60	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.520	26.460	26.495
BAROGRAPH 64	26.460	26.530	26.480	26.510
BAR. CORR. 65	-.010	-.010	-.020	-.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
73	46	0	0	0	21	21	1700					10			

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 1-MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 26

TO CONVERT LST TO GMT ADD 8 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 (°C-°F) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	[illegible] (15)
R	0047	E 250 BKN	20			102	52	15	03	03		990	202 1008	LL
R	0147	250 -BKN	20			103	54	11	04	08		991		LL
R	0248	250 - SCT	20			109	52	15	09	03		992		LL
R	0345	250 - SCT	20			110	51	18	06	05		992	107 1008 49 RADAT 23099	GH
R	0445	250 - BKN	20			114	48	17	05	02		993	FEW AC NE	GH
R	0545	250 - BKN	20			113	52	18	09	04		993	FEW AC	GH
R	0645	E250 OVC	20			110	60	20	21	02		993	103 1007 47	GH
R	0745	E250 OVC	20			124	60	20	24	02		997		GH
R	0845	250 - OVC	20			124	67	19	29	04		998		GH
R	0945	250 - OVC	20			125	68	19	29	03		998	114 1077 47	GH
R	1045	250 - BKN	20			121	70	21	25	02		997	FEW AC	GH
R	1155	250 - SCT	20			122	73	18	24	06		997	FEW CU	GH
R	1245	250 - SCT	20			120	74	20	18	10		996	805 1108	GH
R	1345	CLR	20			118	75	20	32	04		996	FEW CU	GH
R	1445	CLR	20			119	75	24	20	06		995	FEW CU	GH
R	1548	80 SCT	20			119	75	21	24	09		996	102 1100 77 RADAT 37107	LL
R	1647	80 SCT	20			119	74	19	24	08		995		LL
R	1748	80 SCT	20			118	74	19	23	08		995		LL
R	1848	CLR	20			118	70	21	27	04		996	302 1001	LL
R	1946	CLR	20			122	65	23	35	04		996		LL
R	2046	CLR	20			131	61	24	04	02		999		LL
R	2147	CLR	20			133	58	23	07	02		999	112 77	LL
R	2246	CLR	20			135	56	23	03	02		000		LL
R	2347	CLR	20			136	55	23	03	02		001		LL

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR,s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 26

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	26.500	52.3	38.2	23	6	6	CS	E350												4	2	.005			00-01
01 47	26.510	53.7	38.2	18	7															3					01-02
02 48	26.520	52.0	36.0	23	3															1					02-03
03 45	26.520	50.6	37.8	27	3	3	CS	250												1	1	.020			03-04
04 45	26.530	47.6	36.0	29	6															1					04-05
05 45	26.530	51.5	38.3	26	8															3					05-06
06 45	26.530	59.7	43.0	21	10	10	CS	E250												6	1	.010			06-07
07 45	26.560	60.0	43.0	21	10															8					07-08
08 45	26.570	66.5	46.0	16	10															3					08-09
09 45	26.570	68.3	46.8	15	10	0	Ac	180	10	Cs	250	10								2	1	.050			09-10
10 45	26.560	70.0	48.0	15	6															1					10-11
11 45	26.560	72.5	48.5	13	4															1					11-12
12 45	26.555	74.0	49.6	13	3	0	Cu	100	3	Cs	250	3								1	8	.015			12-13
13 45	26.555	75.0	50.0	13	0															0					13-14
14 45	26.550	75.2	50.8	15	0															0					14-15
15 48	26.550	75.4	50.3	13	1	1	Cu	80												1	6	.005			15-16
16 47	26.545	74.1	49.3	12	1															1					16-17
17 48	26.550	73.8	49.2	12	1															1					17-18
18 48	26.555	70.0	48.0	16	0	0	Cu	80	0	Ci	250	0								0	3	.005			18-19
19 46	26.560	64.8	46.0	20	0															0					19-20
20 46	26.585	60.5	44.2	24	0															0					20-21
21 47	26.590	58.2	43.0	26	0															0	1	.035			21-22
22 46	26.595	54.1	41.9	27	0															0					22-23
23 47	26.600	54.9	41.3	28	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	60	49		0								
	0945	2	0	0	0	70	47		0								
	1545	3	0	0	0	77	68		0								
	2145	4	0	0	0	76	58		0								
	MID.	X	0	0	0	58	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.572	26.550	26.540
BAROGRAPH 64	26.530	26.590	26.550	26.590
BAR. CORR. 65	-.010	-.020	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
77	47	0	0	0	17	23	1308					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:

* NOTE: BAROGRAPH CHART CHANGED 1000 P.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 27

TO CONVERT LST TO GMT ADD 8 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)
R	0047	CLR	20			142	53	24	09	02		003	308	LL
R	0146	CLR	20			143	51	24	00	00		003		LL
R	0249	CLR	20			145	50	24	10	02		003		LL
R	0345	CLR	20			150	49	24	04	02		004	305 48 RADAT 36108	GH
R	0445	CLR	20			155	49	23	00	00		005		GH
R	0545	CLR	20			158	55	24	10	03		007		GH
R	0645	CLR	20			164	59	22	03	02		008	214	GH
R	0745	CLR	20			166	68	22	03	09		010		GH
R	0845	CLR	20			164	73	24	04	08		010		GH
R	0945	CLR	20			168	75	21	03	10		011	307 47	GH
R	1045	CLR	20			164	77	25	33	09		010		GH
R	1145	CLR	20			160	79	23	35	08		008	FEW Ci	GH
R	1245	250 - SCT	20			155	81	26	33	10		007	710 1001	GH
R	1345	CLR	20			150	84	24	31	10		006	FEW Cu AND Ci	GH
R	1445	CLR	20			145	84	24	34	04		004	FEW Cu	GH
R	1547	CLR	20			146	84	25	31	06		004	610 1100 86 RADAT 46118	LL
R	1647	CLR	20			140	84	25	20	04		003		LL
R	1747	CLR	20			137	83	25	24	05		003		LL
R	1847	CLR	20			137	80	28	20	02		003	605 1101	LL
R	1947	CLR	20			141	74	28	35	09		004		LL
R	2047	CLR	20			143	75	25	35	09		006		LL
R	2147	CLR	20			149	74	24	02	08		007	215 86	LL
R	2247	CLR	20			149	72	23	04	13		007		LL
R	2346	CLR	20			147	72	23	03	14		007		LL

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: [illegible]

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 47	26.615	53.4	40.7	31	0															0	3	.020			00-01
01 46	26.615	51.3	39.7	34	0															0					01-02
02 49	26.620	49.9	39.0	36	0															0					02-03
03 45	26.630	48.5	38.4	38	0															0	3	.015			03-04
04 45	26.640	48.8	38.3	37	0															0					04-05
05 45	26.660	55.0	41.6	30	0															0					05-06
06 45	26.670	58.8	43.0	24	0															0	2	.040			06-07
07 45	26.680	67.5	47.0	17	0															0					07-08
08 45	26.680	73.2	50.1	16	0															0					08-09
09 45	26.680	74.6	50.0	13	0															0	3	.020			09-10
10 45	26.680	77.4	51.9	14	0															0					10-11
11 45	26.675	79.0	52.2	12	0															0					11-12
12 45	26.660	81.3	53.8	13	2	2	Ci	250												0	7	.030			12-13
13 45	26.645	83.7	54.4	11	0															0					13-14
14 45	26.630	84.2	54.5	11	0															0					14-15
15 47	26.630	83.7	54.5	11	0	0	Cu	80												0	6	.030			15-16
16 47	26.615	83.6	54.4	11	0															0					16-17
17 47	26.615	83.3	54.3	12	0															0					17-18
18 47	26.615	80.2	53.8	15	0	0	Cu	80	0	Ci	250	0								0	6	.015			18-19
19 47	26.630	73.7	51.1	18	0															0					19-20
20 47	26.645	75.1	51.1	16	0															0					20-21
21 47	26.660	73.7	50.1	15	0															0	2	.045			21-22
22 47	26.660	72.3	49.4	16	0															0					22-23
23 46	26.660	72.3	49.4	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	55	48	X	X						X		
	0345	1	0	0	0	58	48		0								
	0945	2	0	0	0	77	47		0								
	1545	3	0	0	0	86	75		0								
	2145	4	0	0	0	85	73		0								
	MID.	X	0	0	0	74	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.690	26.630	26.660
BAROGRAPH 64	26.625	26.690	26.625	26.645
BAR. CORR. 65	+.005	≠0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	47	0	0	0	20*	04	2328					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:

* LAST OF TWO OCCURANCES

MF1-10B

☆ U.S. GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 28

TO CONVERT LST TO GMT ADD 8 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)	INITIALS (15)
R	0047	CLR	20			149	69	28	08	08		008	303	JK
R	0146	CLR	20			154	68	29	07	12		010		JK
R	0248	CLR	20			158	66	29	07	13		011		JK
R	0345	CLR	20			163	66	29	04	12		012	210 66 RADAT 51120	JK
R	0448	CLR	20			163	66	32	02	15		012		JK
R	0547	CLR	20			169	68	32	04	12		014		JK
R	0658	CLR	20			174	71	34	02	12		015	310	JK
R	0745	CLR	20			180	72	32	01	14		016		JK
R	0845	CLR	20			174	76	31	02	12		015		JK
R	0946	CLR	20			169	79	32	03	10		014	803 1100 66	JK
R	1045	CLR	20			164	81	31	04	16		013	FEW Cu 5	JK
R	1145	CLR	20			157	83	24	08	09		011	FEW Cu 5	JK
R	1245	CLR	20			149	83	27	36	09		008	717 1100	JK
R	1345	CLR	20			144	86	23	32	08		007	Cu 5	JK
R	1450	CLR	20			134	86	23	34	10		004	Cu 5	JK
R	1546	CLR	20			132	86	23	03	10		003	717 1060 87 RADAT 20131	JD
R	1646	CLR	20			125	86	24	36	04		001		JD
R	1747	CLR	20			123	85	24	16	03		001		JD
R	1847	CLR	20			123	82	29	33	03		001	607	JD
R	1946	CLR	20			126	75	27	07	05		001		JD
R	2046	CLR	20			133	73	26	05	02		003		JD
R	2146	CLR	20			132	69	26	08	06		003	005 88	JD
R	2246	CLR	20			133	66	26	06	04		003		JD
R	2345	CLR	20			130	65	26	05	03		002		JD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dopp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ h_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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1976 MAY 23

To convert LST to GMT ADD 7 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	26.670	59.1	49.4	22	0															0	3	.010			00-01
01 46	26.680	68.1	49.1	23	0															0					01-02
02 48	26.690	66.3	48.3	24	0															0					02-03
03 45	26.700	66.4	48.3	24	0															0	2	.030			03-04
04 48	26.700	66.0	49.0	28	0															0					04-05
05 47	26.720	68.0	50.0	26	0															0					05-06
06 58	26.730	71.0	52.0	26	0															0	3	.030			06-07
07 45	26.740	72.2	51.9	23	0															0					07-08
08 45	26.730	76.1	53.2	19	0															0					08-09
09 46	26.720	79.1	54.8	18	0	0	Cu	90												0	8	.010			09-10
10 45	26.710	80.8	54.8	16	0															0					10-11
11 45	26.690	83.0	54.0	11	0															0					11-12
12 45	26.670	83.2	54.8	13	0	0	Cu	90												0	7	.050			12-13
13 45	26.655	86.1	55.0	10	0															0					13-14
14 50	26.630	86.2	55.1	10	0															0					14-15
15 46	26.620	85.9	55.0	10	0	0	Ac	100												0	7	.050			15-16
16 46	26.600	85.7	55.1	10	0															0					16-17
17 47	26.600	85.4	55.0	11	0															0					17-18
18 47	26.600	81.6	54.6	15	0															0	6	.020			18-19
19 46	26.600	75.2	51.7	17	0															0					19-20
20 46	26.620	72.8	50.3	17	0															0					20-21
21 46	26.615	69.2	48.9	20	0															0	0	.015			21-22
22 46	26.615	65.6	47.2	22	0															0					22-23
23 45	26.610	64.7	46.8	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 0343		0	0		72	66										
	0343	1	0	0	0	74	66		0								
	0944	2	0	0	0	79	66		0								
	1543	3	0	0	0	87	79		0								
	2143	4	0	0	0	88	69		0								
	MID.		0	0	0	69	65										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.720	26.620	26.615
BAROGRAPH 64	26.700	26.720	26.610	26.600
BAR. CORR. 65	0	0	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	65	0	0	0	30	31	1306					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 29

TO CONVERT LST TO GMT ADD 6 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)	(15)
R	0046	CLR	20			132	63	25	05	02		003	000	JD
R	0145	CLR	20			129	63	26	04	07		002		JD
R	0249	CLR	20			129	58	28	32	02		001		JD
R	0345	CLR	20			129	57	28	07	02		001	605 57 RADAT 45125	JK
R	0444	CLR	20			134	56	28	09	01		002		JK
R	0546	CLR	20			134	63	29	09	02		003		JK
R	0645	CLR	20			131	69	30	36	02		003	107 1001	JK
R	0745	CLR	20			131	75	29	27	02		003	CI W	JK
R	0845	CLR	20			126	80	27	26	03		002	CI OVHD	JK
R	0945	CLR	20			126	85	27	20	10		002	603 1101 55	JK
R	1045	CLR	20			119	87	28	25	10		999	CU S CI W THRU N	JK
R	1145	CLR	20			112	90	25	22	14		997		JK
R	1244	250-SCT	20			103	96	22	25	11	20	995	720 1101	JK
R	1345	250-BKN	20			096	92	19	24	14		993	FEW CU	JK
R	1445	250-BKN	20			091	92	24	22	11	20	991	FEW CU	JK
R	1545	240-BKN	20			084	92	24	26	10	20	989	720 1101 93 RADAT 24141	JD
R	1646	CLR	20			074	91	22	25	12		986		JD
R	1746	CLR	20			066	90	21	24	08		985		JD
R	1846	CLR	20			065	85	21	23	08		984	614	JD
R	1947	CLR	20			065	80	25	04	02		984		JD
R	2045	CLR	20			065	77	26	05	03		984		JD
R	2147	CLR	20			061	78	27	05	03		984	500 93	JD
R	2246	CLR	20			060	80	26	20	11		984		JD
R	2347	CLR	20			058	82	25	20	12		984		JD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: $Iliii\ Nddff\ VVwwW\ PPPTT\ N_hC_LhC_MC_H\ T_dT_dapp\ 6P_oP_oP_oP_o\ 7RRR.s\ 8N_sCh\ h_s\ 9SpSpspsp\ 2R_{24}R_{24}R_{24}R_{24}\ 3P_wP_wH_wH_w\ d_wd_wP_wH_wH_w\ 4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1977 May 29

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	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	26.615	63.3	45.8	23	0															0	0	.000			00-01
01 45	26.610	62.5	45.8	25	0															0					01-02
02 49	26.600	57.5	43.9	32	0															0					02-03
03 45	26.600	56.8	47.8	33	0															0	6	.015			03-04
04 44	26.610	58.2	43.4	34	0															0					04-05
05 46	26.620	63.1	46.9	28	0															0					05-06
06 45	26.620	69.2	49.8	23	0	0	0	Cl	250											0	1	.020			06-07
07 45	26.620	75.1	52.1	18	0															0					07-08
08 45	26.610	80.3	53.6	14	0															0					08-09
09 45	26.610	85.0	55.5	12	0	0	Cu	90	0	Ci	250	0								0	6	.010			09-10
10 45	26.590	87.2	56.5	12	0															0					10-11
11 45	26.570	89.8	56.8	10	0															0					11-12
12 44	26.550	89.5	56.2	8	2	0	Cu	90	2	Ci	250	2								0	7	.060			12-13
13 45	26.530	91.5	56.3	7	6															2					13-14
14 45	26.510	91.6	57.4	9	7															2					14-15
15 45	26.490	91.8	57.5	9	6	0	Cu	90	6	Ci	240	6								1	7	.060			15-16
16 46	26.465	91.0	56.7	8	0															0					16-17
17 46	26.455	90.0	56.2	8	0															0					17-18
18 46	26.450	84.8	54.2	10	0															0	6	.040			18-19
19 47	26.450	80.0	53.0	13	0															0					19-20
20 45	26.450	76.6	51.9	15	0															0					20-21
21 47	26.450	78.1	52.7	15	0															0	5	.000			21-22
22 46	26.450	90.4	53.4	13	0															0					22-23
23 47	26.450	91.8	53.8	12	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	65	57	X	X						X		
	0343	1	0	0	0	69	57		0								
	0943	2	0	0	0	85	55		0								
	1543	3	0	0	0	93	85		0								
	2144	4	0	0	0	92	76		0								
	MID.	X	0	0	0	82	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1544	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.610	26.490	26.450
BAROGRAPH 64	26.595	26.600	26.480	26.450
BAR. CORR. 65	+.005	+.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
93	55	0	0	0	24	22	1621*								

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:

* last of two occurances

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 30

TO CONVERT LST TO GMT ADD 8 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)
R	0046	CLR	20			060	76	27	32	04		984	500	JD
R	0145	CLR	20			062	70	28	04	10		984		JD
R	0245	CLR	20			062	70	28	04	09		984		JD
R	0345	CLR	20			063	67	30	09	02		984	400 67 RADAT 54130	JK
R	0446	CLR	20			078	62	31	04	03		988		JK
R	0545	CLR	20			076	70	33	36	10		988		JK
R	0645	CLR	20			076	75	27	03	12		988	112	JK
R	0745	CLR	20			074	78	27	04	17		987		JK
R	0846	CLR	20			070	81	27	03	14		986		JK
R	0945	CLR	20			062	84	25	04	12		984	812 62	JK
R	1046	CLR	20			061	85	26	09	04		984		JK
R	1147	CLR	20			047	89	27	27	04		981	Cu S	JK
R	1245	CLR	20			047	90	26	23	10	22	980	812 1100	JK
R	1347	CLR	20			040	91	24	26	14		978	FEW Cu	JK
R	1448	CLR	20			034	91	25	27	14	21	976	FEW Cu PK WND 2225/13	JK
R	1546	CLR	20			026	91	23	22	12		973	622 1100 92 RADAT 30133	JD
R	1646	CLR	20			025	90	25	24	10		972		JD
R	1746	CLR	20			020	89	27	20	05	17	972		JD
R	1846	CLR	20			018	85	28	27	06		971	607 1061	JD
R	1946	CLR	20			024	78	28	01	10		972		JD
R	2047	CLR	20			035	75	20	04	22	33	976	PK WND 0437/23	JD
R	2145	CLR	20			046	72	20	04	26	37	979	PK WND 0440/07 334 92	JD
R	2246	CLR	20			064	69	19	03	21	30	984	PK WND 0232/31	JD
R	2346	CLR	20			070	68	17	03	21	29	986	PK WND 0329/40	JD

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRRrs $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1979 MAY 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	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	26.450	76.1	51.9	16	0															0	5	.000			00-01
01 45	26.450	70.3	49.9	21	0															0					01-02
02 45	26.450	70.0	49.7	21	0															0					02-03
03 45	26.450	69.1	49.1	25	0															0	4	.000			03-04
04 46	26.485	62.0	47.0	31	0															0					04-05
05 45	26.485	70.2	51.1	25	0															0					05-06
06 45	26.485	75.0	51.6	17	0															0	1	.035			06-07
07 45	26.475	77.8	52.7	15	0															0					07-08
08 46	26.465	81.1	54.0	14	0															0					08-09
09 45	26.450	83.9	54.7	12	0															0	8	.035			09-10
10 46	26.450	85.2	55.3	12	0															0					10-11
11 47	26.420	88.9	56.9	11	0															0					11-12
12 45	26.415	89.8	57.1	10	0	0	Cu	90												0	8	.035			12-13
13 47	26.396	90.5	57.0	9	0															0					13-14
14 48	26.375	90.5	57.2	9	0															0					14-15
15 46	26.350	91.2	57.1	9	0	0	Cu	90												0	6	.065			15-16
16 46	26.340	90.3	57.1	9	0															0					16-17
17 46	26.335	89.4	57.1	10	0															0					17-18
18 46	26.330	84.8	55.6	13	0	0	Ac	110	0	Ci	250	0								0	6	.020			18-19
19 46	26.340	78.2	53.2	16	0															0					19-20
20 47	26.370	75.2	50.1	13	0															0					20-21
21 45	26.400	71.9	48.6	14	0															0	3	.070			21-22
22 46	26.445	69.2	47.2	15	0															0					22-23
23 46	26.465	67.9	46.2	14	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	82	67	X	X						X		
	0343	1	0	0	0	82	67		0								
	0943	2	0	0	0	84	62		0								
	1543	3	0	0	0	92	84		0								
	2143	4	0	0	0	91	72		0								
	MID.	X	0	0	0	72	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0944	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.450	26.350	26.400
BAROGRAPH 64	26.450	26.475	26.365	26.410
BAR. CORR. 65	0	+.005	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	62	0	0	0	40	04	2167					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 K.P.H. OR FASTEST M.L.E. K.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK:

Barograph changed 1000 P

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

MF1-10A (1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 31

TO CONVERT LST TO GMT ADD 8 hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	SIGNATURE (15)
R	0047	CLR	20			076	65	13	05	16	26	986	PK WND 0328/37 127	JD
R	0145	CLR	20			081	63	11	04	16		988	PK WND 0426/27	JD
R	0245	CLR	20			086	62	12	03	17		990		JD
R	0345	CLR	20			089	60	15	03	16		991	210 60 RADAT 36130	JK
R	0445	CLR	20			098	59	12	03	19		993	SC N	JK
R	0547	CLR	20			108	60	13	04	17		993	SC N	JK
R	0649	CLR	20			112	62	16	03	22		996	317	JK
R	0745	CLR	20			111	65	13	04	17		996		JK
R	0847	CLR	20			108	70	17	04	14		995		JK
R	0948	CLR	20			102	72	19	36	15		993	810 59	JK
R	1047	CLR	20			094	75	8	01	10	20	991		JK
R	1148	CLR	20			085	77	15	35	09		988		JK
R	1247	CLR	20			079	78	16	35	08	17	986	720	JK
R	1348	CLR	20			071	80	20	33	08		984		JK
R	1450	CLR	20			068	84	17	32	12		983		JK
R	1550	CLR	20			062	84	25	32	10		982	615 85 RADAT 20130	HS
R	1647	CLR	20			060	82	22	02	04		981		HS
R	1752	CLR	20			059	82	23	19	06		981		HS
R	1849	CLR	20			063	78	25	23	06		981	502 1001	HS
R	1948	CLR	20			066	74	25	34	04		982		HS
R	2044	CLR	20			073	68	25	09	04		984		HS
R	2150	CLR	20			074	67	24	09	07		984	110 85	HS
R	2249	CLR	20			074	64	29	36	04		984		HS
R	2348	CLR	20			069	63	25	36	07		983		HS

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: IIiii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh$ 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:1977-0-765-005/1111

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1978 MAY 31

To convert L.S.T. to GMT ADD 7 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMID. (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.480	65.4	44.3	13	0															0	1	.080			00-01
01 45	26.490	63.2	43.0	13	0															0					01-02
02 45	26.500	61.6	42.3	14	0															0					02-03
03 45	26.510	60.0	42.0	17	0															0	2	.030			03-04
04 45	26.530	59.0	41.0	15	0															0					04-05
05 47	26.555	59.9	41.7	15	0															0					05-06
06 49	26.560	61.5	43.1	17	0															0	3	.050			06-07
07 45	26.555	64.9	44.1	13	0															0					07-08
08 47	26.550	69.5	47.0	13	0															0					08-09
09 48	26.530	71.8	48.0	13	0															0	8	.030			09-10
10 47	26.510	75.2	48.1	9	0															0					10-11
11 48	26.490	77.2	50.0	9	0															0					11-12
12 47	26.470	78.1	50.5	10	0															0	7	.060			12-13
13 48	26.450	80.0	52.0	11	0															0					13-14
14 50	26.440	83.9	53.1	8	0															0					14-15
15 50	26.425	83.6	54.5	12	0															0	6	.045			15-16
16 47	26.415	82.1	53.3	11	0															0					16-17
17 52	26.415	81.9	53.3	11	0															0					17-18
18 49	26.420	71.7	52.1	14	0	0	Ci	250												0	5	.005			18-19
19 48	26.430	74.0	50.6	16	0															0					19-20
20 49	26.445	67.8	48.0	20	0															0					20-21
21 50	26.450	66.7	47.3	20	0															0	1	.030			21-22
22 49	26.450	63.5	47.0	27	0															0					22-23
23 48	26.440	63.3	45.8	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 0343	X	0	0	X	68	60	X	X						X		
	0343	1	0	0	0	72	60		0								
	0946	2	0	0	0	72	59		0								
	1548	3	0	0	0	85	72		0								
	2148	4	0	0	0	84	65		0								
	MID.	X	0	0	0	67	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0947	1549	2149
ATT. THERM. 60				
OBSVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.530	26.425	26.450
BAROGRAPH 64	26.520	26.540	26.430	26.445
BAR. CORR. 65	-.010	-.010	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	59	0	0	0	28	03	0037					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:

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131