SEP 1987
WASHINGTON NAT'L AP, D.C.
WEA SER CONTRACT MET OBS
TERMINAL BLDG RM 408

ISSN 0198-1188

LOCAL CLIMATOLOGICAL DATA

Monthly Summary

WASHINGTON NATIONAL AIRPORT

LATITUDE 38° 51'N LONGITUDE 77° 02'W ELEVATION (GROUND) 10 FEET TIME ZONE EASTERN 13743

SEP 1987
WASHINGTON NATL AP, D.C.

DATE 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	AVERAGE DEW POINT 6	DEGREE DAYS BASE 65°F HEATING (SEASON BEGINS WITH JUL) 7A	COOLING (SEASON BEGINS WITH JAN) 7B	WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORM 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW 8	SNOW ICE PELLETS OR ICE ON GROUND AT 0700 INCHES 9	PRECIPITATION WATER EQUIVALENT (INCHES) 10	SNOW, ICE PELLETS (INCHES) 11	AVERAGE STATION PRESSURE IN INCHES ELEV. 65 FEET ABOVE M.S.L. 12	WIND (M.P.H.) RESULTANT DIR. 13	RESULTANT SPEED 14	AVERAGE SPEED 15	PEAK GUST SPEED 16	PEAK GUST DIRECTION 17	FASTEST 1-MIN SPEED 18	FASTEST 1-MIN DIRECTION 19	SUNSHINE MINUTES 20	PERCENT OF TOTAL POSSIBLE 21	SKY COVER (TENTHS) SUNRISE TO SUNSET 22	MIDNIGHT TO MIDNIGHT 23
01	81	63	72	-3	52	0	7	1	0	0.00	0.0	29.960	33	7.9	9.5	23	NW	15	30	693	89	5	5
02	85	57	71	-4	50	0	6		0	0.00	0.0	30.000	19	3.8	6.4	17	S	12	02	698	90	2	3
03	82	64	73	-2	54	0	8		0	0.00	0.0	30.125	04	8.8	9.5	18	N	12	06	612	79	3	4
04	79	62	71	-4	55	0	6		0	0.00	0.0	30.260	08	7.1	8.2	17	E	13	06	516	67	10	9
05	75	62	69	-5	60	0	4	1	0	0.13	0.0	30.220	06	8.8	9.7	18	E	14	05	0	0	10	10
06	79	65	72	-2	70	0	7	1	0	0.64	0.0	30.070	04	6.6	7.8	18	NE	14	05	24	3	10	10
07	83	70	77	3	71	0	12	1	0	0.00	0.0	29.980	13	2.8	5.8	12	E	9	14	36	5	10	10
08	80	70	75	1	72	0	10	1 3	0	0.68	0.0	29.765	03	3.6	9.1	18	NW	15	31	1	0	10	9
09	86	69	78	5	68	0	13	8	0	0.00	0.0	29.840	32	3.6	6.6	20	W	15	32	494	65	5	6
10	85	71	78	5	67	0	13	1 8	0	0.00	0.0	29.980	05	1.8	4.8	10	N	8	01	266	35	8	8
11	85	69	77	4	69	0	12	1 3 8	0	0.45	0.0	30.010	12	4.6	6.5	16	SE	10	13	362	48	5	7
12	83	71	77	5	71	0	12	1 3 8	0	2.13	0.0	29.970	16	5.9	7.3	29	SE	22	16	192	25	10	10
13	82	72	77	5	72	0	12	1	0	0.08	0.0	29.860	19	7.0	7.4	16	S	10	19	112	15	9	9
14	87*	69	78	6	65	0	13	1 8	0	0.00	0.0	29.955	32	3.5	6.6	17	NW	12	33	671	89	6	4
15	86	67	77	5	65	0	12	1 8	0	0.00	0.0	29.990	21	1.8	6.9	18	S	14	35	645	86	5	5
16	84	67	76	5	68	0	11	1 8	0	0.00	0.0	29.930	18	1.7	4.6	20	NW	8	35	215	29	8	7
17	86	69	78	7	70	0	13	1 3 8	0	0.16	0.0	29.770	19	3.9	7.4	23	NW	15	31	245	33	9	9
18	86	69	78*	7	65	0	13	1 3 8	0	0.01	0.0	29.655	29	4.8	7.3	21	W	15	28	316	43	7	8
19	74	63	69	-1	62	0	4	1 8	0	0.09	0.0	29.860	04	9.3	9.5	16	N	13	06	0	0	10	10
20	67	62	65	-5	61	0	0	1	0	0.35	0.0	29.875	04	7.2	7.6	16	NE	12	07	0	0	10	10
21	75	63	69	0	62	0	4	1	0	0.00	0.0	29.900	21	2.3	5.4	13	S	9	18	215	29	7	7
22	77	60	69	0	57	0	4	1	0	0.02	0.0	29.890	34	5.6	7.2	21	NW	18	33	271	37	7	7
23	75	57	66	-3	52	0	1		0	0.00	0.0	29.860	30	9.1	10.1	23	NW	16	31	585	80	4	4
24	78	61	70	2	52	0	5		0	0.00	0.0	29.810	26	8.8	9.4	24	NW	13	28	709	98	1	2
25	70	55	63	-5	47	2	0		0	0.00	0.0	29.930	33	9.3	10.5	22	NW	16	34	568	79	1	3
26	75	51*	63*	-5	51	2	0		0	0.00	0.0	30.070	22	6.5	6.9	21	SW	13	24	720	100	1	0
27	80	60	70	3	57	0	5		0	0.00	0.0	30.180	19	3.4	4.7	12	S	8	19	610	85	1	3
28	82	60	71	4	61	0	6	1 8	0	0.00	0.0	30.210	19	7.0	7.5	20	S	13	19	687	96	0	1
29	80	61	71	5	62	0	6	1	0	0.00	0.0	29.980	18	9.1	9.3	18	S	14	18	535	75	4	4
30	75	61	68	2	57	0	3	1	0	0.37	0.0	29.630	28	6.3	10.4	22	NW	14	30	146	21	9	7
	SUM 2402	SUM 1920	—	—	—	TOTAL 4	TOTAL 222	NUMBER OF DAYS		TOTAL 5.11	TOTAL 0.0	FOR THE MONTH: 29.950	33	0.3	7.7	29	SE	22	16	TOTAL 11144	% FOR MONTH 50	SUM 187	SUM 191
	AVG. 80.1	AVG. 64.0	AVG. 72.1	DEP. 1.0	AVG. 61.6	DEP. -9	DEP. 26	PRECIPITATION ≥ .01 INCH 12		DEP. 1.89	—	—	—	—	—	DATE:12		DATE: 12		POSSIBLE 22389		AVG. 6.2	AVG. 6.4

NUMBER OF DAYS				SEASON TO DATE TOTAL	SEASON TO DATE TOTAL
MAXIMUM TEMP. ≥ 90°	MAXIMUM TEMP. ≤ 32°	MINIMUM TEMP. ≤ 32°	MINIMUM TEMP. ≤ 0°	4	1708
0	0	0	0	DEP. -9	DEP. 298

SNOW, ICE PELLETS ≥ 1.0 INCH	0
THUNDERSTORMS	5
HEAVY FOG	0
CLEAR 7 PARTLY CLOUDY 10 CLOUDY 13	

GREATEST IN 24 HOURS AND DATES		
PRECIPITATION		SNOW, ICE PELLETS
2.57	11-12	0.0

GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE AND DATE: 0

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS. COLS 16 & 17: PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED. ONE OF TWO WIND SPEEDS IS GIVEN UNDER COLS 18 & 19: FASTEST MILE - HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTION IN COMPASS POINTS). FASTEST OBSERVED ONE MINUTE WIND - HIGHEST ONE MINUTE SPEED (DIRECTION IN TENS OF DEGREES). ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER

Kenneth D. Wadlen
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NATIONAL CLIMATIC DATA CENTER

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER ASHEVILLE NORTH CAROLINA

OBSERVATIONS AT 3-HOUR INTERVALS

SEP 1987 13743
WASHINGTON NAT'L AP, D.C.

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
					SEP 1st						
01	10	UNL	6		F	71	68	67	87	28	6
04	8	UNL	10			68	63	60	76	34	9
07	8	UNL	9			67	62	59	76	34	7
10	8	250	12			74	62	54	50	29	9
13	7	UNL	20			80	61	45	29	30	11
16	0	UNL	20			80	60	44	28	34	11
19	0	UNL	20			72	58	47	41	36	8
22	0	UNL	20			67	57	48	51	36	4
					SEP 2nd						
01	2	UNL	15			63	56	50	63	24	4
04	1	UNL	12			58	55	52	81	24	4
07	0	UNL	12			62	58	55	78	21	4
10	0	UNL	15			77	62	52	42	17	10
13	1	UNL	15			82	62	46	28	21	7
16	4	UNL	20			84	61	43	24	19	6
19	8	130	15			77	63	53	43	17	5
22	7	120	12			72	62	55	55	23	3
					SEP 3rd						
01	8	UNL	12			69	59	52	55	03	9
04	8	UNL	12			66	59	53	63	03	8
07	4	UNL	12			65	59	54	68	01	10
10	0	UNL	12			73	63	56	55	03	8
13	1	UNL	12			79	64	54	42	02	7
16	4	UNL	10			78	64	55	45	05	8
19	3	UNL	10			73	61	53	50	06	9
22	7	250	12			70	59	51	51	06	9
					SEP 4th						
01	7	UNL	12			65	62	59	81	07	4
04	8	UNL	10			63	61	59	87	05	4
07	10	250	7			63	61	59	87	04	7
10	10	UNL	12			74	63	56	54	06	8
13	10	UNL	15			77	62	51	40	06	11
16	10	UNL	15			77	62	51	40	13	7
19	10	UNL	15			72	61	52	50	08	8
22	10	UNL	15			68	61	55	63	13	10
					SEP 5th						
01	10	UNL	12			64	58	54	70	06	6
04	10	75	12			63	58	54	73	02	7
07	10	45	10			64	59	56	75	02	8
10	10	35	10			67	63	60	78	04	8
13	10	30	10			72	65	61	69	10	10
16	10	50	12			74	67	62	66	07	10
19	10	32	6		RF	69	67	65	87	10	7
22	10	28	5		RF	66	65	64	93	07	8
					SEP 6th						
01	10	60	7			66	65	64	93	04	8
04	10	15	5		RF	66	66	66	100	04	9
07	10	7	2	12	RWF	66	64	62	87	05	11
10	10	7	3		RF	69	68	68	97	05	7
13	10	8	3		LF	71	70	70	97	35	4
16	10	16	6		F	78	75	74	88	02	4
19	10	31	4		RWF	75	74	74	97	04	5
22	10	10	4		RF	75	74	74	97	17	6
					SEP 7th						
01	10	7	3		F	71	70	70	97	34	6
04	10	6	3		F	71	70	70	97	34	4
07	10	8	3		F	73	73	73	100	00	0
10	10	24	7			78	75	73	85	18	4
13	10	65	12			82	75	72	72	19	4
16	10	250	12			82	73	69	65	14	6
19	10	100	12			78	74	72	82	12	5
22	10	100	12			76	72	70	82	13	6
					SEP 8th						
01	10	120	12			75	73	72	90	07	6
04	10	37	10			73	72	72	97	06	8
07	10	9	6		RWF	74	73	73	97	08	9
10	10	8	4		RF	74	73	73	97	04	8
13	10	9	6		RF	77	76	75	94	11	9
16	10	20	7		RW	76	75	74	94	33	9
19	7	27	8			74	72	71	90	31	13
22	4	UNL	7			72	71	71	97	20	5
					SEP 9th						
01	3	UNL	7			70	69	69	97	20	5
04	10	65	7			70	70	70	100	19	4
07	4	UNL	9			72	71	70	94	22	4
10	8	UNL	9			81	72	68	65	32	13
13	5	UNL	7			85	72	65	51	32	8
16	3	UNL	6		H	85	72	66	53	34	9
19	6	UNL	4		H	79	71	67	67	34	6
22	7	UNL	4		H	77	72	69	76	36	3
					SEP 10th						
01	10	110	3		FH	73	70	69	87	03	2
04	10	110	3		FH	72	70	69	90	01	3
07	10	100	3		FH	73	70	68	84	34	5
10	10	110	5		H	76	70	66	71	01	5
13	7	UNL	6		H	82	71	65	57	07	4
16	8	120	6		H	82	72	67	61	17	5
19	7	UNL	5		H	77	71	68	74	12	4
22	4	UNL	5		FH	74	71	70	87	12	3
					SEP 11th						
01	9	UNL	4		FH	71	69	68	90	04	4
04	10	11	4		FH	71	69	68	90	04	3
07	3	UNL	2		FH	71	70	69	93	05	4
10	2	UNL	3		H	80	73	70	72	17	6
13	8	250	6		H	84	72	66	55	18	8
16	5	UNL	6		H	82	72	67	61	12	8
19	5	UNL	6		H	79	71	67	67	12	7
22	10	48	6		H	76	73	71	85	17	7
					SEP 12th						
01	10	28	5		TRWF	71	69	68	90	15	8
04	10	19	5		TRWF	71	70	70	97	08	5
07	10	60	5		F	72	71	71	97	19	2
10	10	UNL	6		H	78	74	72	82	18	7
13	9	23	6		H	80	75	72	77	17	7
16	9	55	5		FH	78	75	74	88	14	7
19	10	30	4		TRWF	71	70	69	93	17	11
22	10	30	4		RWF	72	71	70	94	15	6
					SEP 13th						
01	10	14	5		F	73	72	71	94	17	9
04	10	8	5		RF	72	72	72	100	19	7
07	10	9	5		RF	73	72	72	97	18	7
10	10	14	7		RW	76	75	74	94	21	6
13	10	19	12			78	75	74	88	16	6
16	10	40	10			77	74	73	88	17	9
19	8	UNL	7			74	72	71	90	20	6
22	4	UNL	7			74	72	71	90	11	3
					SEP 14th						
01	6	UNL	7			71	70	70	97	24	3
04	2	UNL	7			69	68	67	93	36	4
07	4	UNL	6		H	71	67	65	81	33	9
10	8	UNL	6		H	80	73	69	69	34	5
13	8	UNL	8			83	72	66	57	11	4
16	5	UNL	10			83	68	59	44	29	8
19	0	UNL	10			81	67	59	47	29	5
22	0	UNL	7			72	69	68	87	20	5
					SEP 15th						
01	0	UNL	6		H	71	69	68	90	35	3
04	2	UNL	5		FH	68	67	66	93	34	5
07	3	UNL	4		FH	68	66	64	87	05	4
10	7	UNL	4		H	77	71	67	71	17	5
13	7	UNL	10			85	69	60	43	25	10
16	4	UNL	9			83	70	63	51	21	9
19	9	110	7			76	69	65	69	35	12
22	9	100	7			72	69	67	84	15	6
					SEP 16th						
01	8	UNL	6		FH	70	68	66	87	20	5
04	0	UNL	6		FH	69	67	66	90	23	2
07	4	UNL	3		FH	69	68	68	97	06	6
10	7	130	4		H	77	71	68	74	06	3
13	10	130	6		H	83	71	64	53	14	2
16	10	130	7			82	75	72	72	17	7
19	10	250	4		H	79	75	73	82	18	5
22	10	250	7			73	70	68	84	33	5
					SEP 17th						
01	10	250	5		FH	74	72	71	90	19	7
04	10	120	4		FH	73	71	70	90	19	7
07	10	100	4		FH	73	70	69	87	19	8
10	6	UNL	5		H	80	75	72	77	17	6
13	9	47	6		TH	84	77	74	72	32	12
16	10	100	7			80	74	71	74	06	2
19	8	250	4		F	74	72	71	90	16	6
22	0	UNL	10			71	69	68	90	13	5
					SEP 18th						
01	10	20	10			69	67	66	90	36	9
04	10	19	7			70	68	67	90	36	2
07	10	80	6		F	70	68	67	90	22	4
10	2	UNL	7			80	71	67	65	26	8
13	5	UNL	12			85	70	62	46	28	13
16	10	90	12			83	70	63	51	27	8
19	4	UNL	8			75	68	64	69	35	7
22	10	60	8			73	68	65	76	34	5

WEATHER CODES

*	TORNADO	ZL	FREEZING DRIZZLE	IPW	ICE PELLET SHOWERS	BN	BLOWING SAND
T	THUNDERSTORM	S	SNOW	A	HAIL	BS	BLOWING SNOW
Q	SQUALL	SW	SNOW SHOWERS	F	FOG	BY	BLOWING SPRAY
R	RAIN	SG	SNOW GRAINS	IF	ICE FOG	K	SMOKE
RW	RAIN SHOWERS	SP	SNOW PELLETS	GF	GROUND FOG	H	HAZE
ZR	FREEZING RAIN	IC	ICE CRYSTALS	BD	BLOWING DUST	D	DUST
L	DRIZZLE	IP	ICE PELLETS				

CEILING: UNL INDICATES UNLIMITED
WIND DIRECTION: DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TENS OF DEGREES FROM TRUE NORTH: I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. AN ENTRY OF 00 INDICATES CALM
SPEED: THE OBSERVED AVERAGE ONE-MINUTE VALUE, EXPRESSED IN KNOTS (MPH=KNOTS X 1.151).

OBSERVATIONS AT 3-HOUR INTERVALS

SEP 1987 13743
WASHINGTON NAT'L AP, D.C.

HOUR L.S.T.	SKY COVER (TENTHS)	CEILING IN HUNDREDS OF FEET	VISIBILITY WHOLE MILES	VISIBILITY 16THS MILE	WEATHER	TEMPERATURE AIR °F	TEMPERATURE WET BULB °F	TEMPERATURE DEW POINT °F	REL HUMIDITY %	WIND DIRECTION	WIND SPEED (KNOTS)
					SEP 19th						
01	8	110	6		F	70	68	67	90	07	8
04	10	11	4		FH	66	65	64	93	06	10
07	10	8	5		FH	63	62	61	93	03	9
10	10	7	4		F	63	62	61	93	03	8
13	10	9	6		F	64	62	61	90	03	8
16	10	13	6		F	65	63	61	87	04	9
19	10	19	3		RF	63	62	61	93	06	7
22	10	9	3		RF	64	63	63	97	04	7
					SEP 20th						
01	10	11	4		RF	64	63	63	97	06	9
04	10	10	3		RF	63	62	61	93	07	7
07	10	9	7			62	61	60	93	05	8
10	10	11	9			64	62	60	87	05	8
13	10	15	6		RW	67	63	60	78	03	9
16	10	19	4		R	64	63	62	93	02	5
19	10	41	5		RF	65	63	61	87	04	4
22	10	13	7			65	63	62	90	02	4
					SEP 21st						
01	10	20	5		F	64	62	61	90	32	6
04	10	17	5		F	64	62	61	90	32	4
07	10	33	6		F	65	63	62	90	00	0
10	7	16	9			70	65	61	73	23	5
13	6	35	12			75	66	60	60	15	6
16	5	UNL	15			74	66	61	64	17	7
19	4	UNL	10			70	66	63	79	15	4
22	4	UNL	8			66	64	63	90	23	5
					SEP 22nd						
01	10	80	5		RWF	65	64	63	93	24	5
04	7	100	5		F	64	63	63	97	04	5
07	8	95	5		F	64	63	62	93	35	3
10	2	UNL	12			73	65	60	64	36	9
13	9	60	12			73	62	54	52	36	9
16	8	50	15			66	60	56	70	33	11
19	10	70	12			66	60	55	68	33	15
22	6	100	15			62	57	52	70	28	6
					SEP 23rd						
01	10	90	12			61	56	51	70	30	9
04	8	250	12			59	55	51	75	32	9
07	0	UNL	15			59	55	52	78	30	7
10	1	UNL	15			67	59	53	61	32	14
13	7	43	15			72	62	54	53	32	10
16	7	250	15			73	61	52	48	29	11
19	8	UNL	12			67	58	51	57	24	5
22	0	UNL	12			62	58	54	75	25	8
					SEP 24th						
01	9	55	12			64	57	51	63	24	8
04	0	UNL	12			62	55	49	63	26	9
07	0	UNL	12			63	56	50	63	25	10
10	0	UNL	12			73	60	51	46	28	10
13	3	UNL	20			76	62	52	43	28	11
16	1	UNL	15			77	62	50	39	28	10
19	0	UNL	15			71	61	54	55	23	5
22	3	UNL	15			67	60	54	63	25	5
					SEP 25th						
01	10	85	12			63	60	58	84	33	4
04	10	40	9			64	61	58	81	01	9
07	9	36	15			61	55	49	65	34	14
10	0	UNL	15			66	55	46	49	32	12
13	0	UNL	20			68	55	42	39	31	10
16	0	UNL	20			69	56	45	42	31	13
19	0	UNL	20			63	53	44	50	34	7
22	0	UNL	20			58	52	47	67	26	5
					SEP 26th						
01	0	UNL	15			54	50	47	77	23	4
04	0	UNL	15			53	50	48	83	21	3
07	2	UNL	15			54	51	49	83	22	4
10	0	UNL	20			68	58	49	51	20	9
13	0	UNL	20			73	60	49	43	25	10
16	0	UNL	20			74	60	48	40	25	9
19	0	UNL	15			68	61	55	63	19	6
22	0	UNL	15			63	60	57	81	20	5
					SEP 27th						
01	4	UNL	12			61	59	57	87	22	3
04	10	130	9			61	59	57	87	34	2
07	8	130	12			62	59	57	84	21	2
10	0	UNL	15			73	65	59	62	19	4
13	0	UNL	15			79	62	50	36	18	4
16	0	UNL	12			80	64	53	39	19	7
19	1	UNL	8			71	67	64	79	17	4
22	0	UNL	8			66	61	58	76	19	4
					SEP 28th						
01	0	UNL	8			64	61	59	84	00	0
04	0	UNL	8			61	60	59	93	22	6
07	0	UNL	4		F	62	61	60	93	22	4
10	2	UNL	6		H	72	67	64	76	17	7
13	0	UNL	12			82	68	59	46	18	10
16	0	UNL	10			81	66	56	42	19	9
19	2	UNL	10			71	67	64	79	17	5
22	2	UNL	8			69	65	63	81	18	9
					SEP 29th						
01	0	UNL	7			65	63	62	90	20	8
04	3	UNL	6		F	64	63	62	93	21	6
07	0	UNL	4		F	64	63	63	97	17	6
10	0	UNL	8			73	67	64	74	17	8
13	5	UNL	12			80	68	61	52	18	10
16	8	UNL	10			77	68	63	62	18	12
19	10	UNL	10			71	65	62	73	16	8
22	7	UNL	10			67	63	61	81	19	9
					SEP 30th						
01	10	55	10			67	64	62	84	17	8
04	10	45	5		RWF	64	62	60	87	19	8
07	10	8	4		F	64	63	63	97	20	6
10	10	65	7			68	65	63	84	29	6
13	9	80	10			75	64	57	54	30	10
16	9	80	12			71	59	50	48	30	12
19	6	90	12			67	58	50	55	32	11
22	1	UNL	12			63	56	51	65	29	9

SUMMARY BY HOURS

HOUR L.S.T.	AVERAGES: SKY COVER (TENTHS)	AVERAGES: STATION PRESSURE (INCHES)	AVERAGES: TEMPERATURE AIR TEMP °F	AVERAGES: TEMPERATURE WET BULB °F	AVERAGES: TEMPERATURE DEW POINT °F	AVERAGES: REL HUMIDITY %	AVERAGES: WIND SPEED (MPH)	RESULTANT WIND: DIRECTION	RESULTANT WIND: SPEED (MPH)
01	7	29.960	67	64	63	85	6.7	31	0.1
04	7	29.950	66	64	62	88	6.6	01	1.8
07	7	29.970	66	64	62	87	7.0	36	1.6
10	6	29.990	73	67	63	71	8.7	32	1.2
13	7	29.950	78	67	60	57	9.4	29	1.5
16	6	29.910	77	67	60	59	9.5	26	1.5
19	6	29.930	72	66	62	71	8.1	04	0.7
22	6	29.950	69	65	62	79	6.7	18	1.9

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

SEP 1987 13743
WASHINGTON NAT'L AP, D.C.

DATE	A.M. HOUR ENDING AT												P.M. HOUR ENDING AT												DATE
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
01																									01
02																									02
03																									03
04																									04
05								T	T	T							T	T	0.04	0.01	0.01	0.07	T	T	05
06	T	T	T	0.01	0.02	0.04	0.07	0.23	0.08	0.02	0.08	0.04	0.05	T					T	T		T	T		06
07																									07
08					T	0.10	0.01	0.02	0.07	0.16	0.11	0.12	0.06	T	0.03	T	T	T							08
09																									09
10																									10
11																						T	0.09	0.36	11
12	0.15	T		0.07	0.09	0.01									0.85	T	0.09	0.51	0.12	0.02	0.17	0.04	T	0.01	12
13	T	T	0.01	0.01	0.01	0.01	0.01	0.01	0.01	T	T					0.01	T								13
14																									14
15																									15
16																									16
17														0.10	0.01		0.01	T			T			0.04	17
18	0.01	T	T	T													T	T							18
19																	T	0.02	0.05	0.01	T	0.01	T	T	19
20	0.01	T	0.01	0.09	0.04	0.01	T		T				T	T	0.02	0.14	0.02	0.01	T	T	T	T			20
21																									21
22	T	T				T										T	0.02	T							22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30		T	0.01	0.03	0.13	0.03	T	0.05	0.12	T															30

MAXIMUM SHORT DURATION PRECIPITATION

TIME PERIOD (MINUTES)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (INCHES)	0.19	0.37	0.52	0.66	0.84	0.85	0.85	0.86	0.86	0.87	0.90	1.13
ENDED: DATE	12	12	12	12	12	12	12	12	12	12	12	12
ENDED: TIME	1431	1432	1437	1442	1447	1502	1502	1540	1540	1618	1650	1720

THE PRECIPITATION AMOUNTS FOR THE INDICATED TIME INTERVALS MAY OCCUR AT ANY TIME DURING THE MONTH. THE TIME INDICATED IS THE ENDING TIME OF THE INTERVAL. DATE AND TIME ARE NOT ENTERED FOR TRACE AMOUNTS.

VALIDATED BY:
GEORGE STATLER

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