



# MAY 2010 LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

**HUNTINGTON, WV**  
**TRI-STATE/M.J.FERGUSON FIELD AIRPORT (KHTS)**  
 Lat:38 ° 22'N Long: 82 ° 33'W Elev (Ground) 824 Feet  
 Time Zone : EASTERN WBAN: 03860 ISSN#: 0198-5655



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0700 LST 11	1300 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
01	78	55	67	8	55	60	0	2	RA BR	0		0.0	0.28	28.95	29.82	3.3	19	5.1	24	15	16	14	01	
02	71	65	68	9	65	66	0	3	TSRA RA FG+ FG BR	0		0.0	3.00	28.90	29.77	2.5	14	5.6	28	28	17	26	02	
03	78	58	68	9	57	63	0	3	RA BR	0		0.0	0.15	28.95	29.84	4.6	23	5.8	28	27	15	25	03	
04	78	50	64	4	48	56	1	0		0		0.0	0.00	29.05	29.94	2.7	26	4.3	21	28	14	25	04	
05	84	49	67	7	51	58	0	2		0		0.0	0.00	29.01	29.88	3.5	21	3.9	22	25	15	21	05	
06	77	52	65	4	45	55	0	0		0		0.0	0.00	29.04	29.93	1.8	30	3.8	17	32	12	32	06	
07	88	46	67	6	53	60	0	2	RA	0		0.0	T	28.97	29.81	5.6	20	6.5	28	19	21	20	07	
08	79	48	64	3	41	49	1	0	TS TSRA RA BR	0		0.0	0.37	29.03	29.97	10.7	27	11.6	44*	27	25	29	08	
09	59	40	50	-12	35	43	15	0		0		0.0	0.00	29.36	30.28	5.7	31	6.4	20	33	14	33	09	
10	63	33*	48*	-14	34	43	17	0	FG+ BR	0		0.0	0.00	29.41	30.30	2.4	08	3.5	16	10	13	09	10	
11	75	50	63	1	52	56	2	0	RA	0		0.0	0.06	29.16	30.04	4.5	19	6.7	26	22	17	22	11	
12	69	62	66	3	61	63	0	1	TS TSRA RA BR	0		0.0	1.43	29.18	30.07	3.2	21	5.0	24	31	15	30	12	
13	84	61	73	10	64	67	0	8	RA FG+ BR	0		0.0	0.03	29.22	30.12	4.0	20	4.3	23	21	15	23	13	
14	83	64	74	11	65	68	0	9	TS TSRA RA BR	0		0.0	0.90	29.28	30.15	3.8	22	5.3	28	32	22	32	14	
15	77	57	67	4	55	60	0	2	RA FG+ BR	0		0.0	T	29.29	30.19	2.0	02	2.7	13	33	8	06	15	
16	72	57	65	2	55	59	0	0	RA BR	0		0.0	0.11	29.21	30.08	3.9	05	4.4	15	03	10	04	16	
17	74	58	66	2	60	62	0	1	RA BR	0		0.0	0.27	29.01	29.88	1.7	25	5.4	24	28	16	26	17	
18	69	57	63	-2	56	59	2	0	RA BR	0		0.0	0.01	28.97	29.86	4.6	23	5.6	25	24	15	25	18	
19	63	54	59	-6	54	56	6	0	RA BR	0		0.0	0.03	29.05	29.94	1.8	23	2.7	12	34	9	33	19	
20	74	51	63	-2	55	58	2	0	FG+ FG BR	0		0.0	0.00	29.18	30.07	2.4	06	3.0	15	07	10	05	20	
21	75	60	68	3	59	62	0	3	TS RA BR	0		0.0	0.05	29.14	30.02	3.9	13	4.3	17	14	12	13	21	
22	76	61	69	4	61	64	0	4	RA BR	0		0.0	0.23	29.11	30.00	2.9	23	4.4	16	23	12	24	22	
23	83	56	70	5	60	64	0	5	FG+ FG BR	0		0.0	0.00	29.20	30.09	0.6	01	1.0		3		01	23	
24	83	59	71	5	61	65	0	6	BR	0		0.0	0.00	29.21	30.09	3.2	09	3.6	16	14	13	09	24	
25	81	61	71	4	62	65	0	6		0		0.0	0.00	29.23	30.11	2.4	08	2.8		9		11	25	
26	85	62	74	7	63	67	0	9	BR HZ	0		0.0	0.00	29.11	29.97	2.5	02	3.0	17	04	12	01	26	
27	87	62	75	8	62	67	0	10	FG BR HZ	0		0.0	0.00	29.01	29.88	1.4	36	2.0	15	03	12	34	27	
28	85	61	73	6	65	68	0	8	BR HZ	0		0.0	0.00	29.00	29.86	2.1	36	3.1	23	02	13	01	28	
29	87	61	74	7	64	67	0	9	BR HZ	0		0.0	0.00	29.01	29.89	0.6	04	1.5	10	08	8	09	29	
30	88*	63	76*	8	66	69	0	11	FG+ FG BR HZ	0		0.0	0.00	29.05	29.93	0.5	16	1.0	23	16	17	17	30	
31	82	66	74	6	66	69	0	9	RA BR	0		0.0	0.24	29.08	29.96	3.9	21	4.9	36	16	25*	17	31	

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77.6			56.1			66.9			☼	56.5			60.9			1.5		3.6		< MONTHLY AVERAGES   TOTALS >				0.0		7.16		29.11		29.99		1.1		22		4.3		< MONTHLY AVERAGES			
3.0			3.5			3.3				<-----DEPARTURE FROM NORMAL----->												2.75		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																	
<b>DEGREE DAYS</b>										GREATEST 24-HR PRECIPITATION : 3.15 DATE : 02-03										SEA LEVEL PRESSURE																					
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL : 0.0 DATE :					MAXIMUM : 30.38					DATE TIME																					
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH : 0 DATE :					MINIMUM : 29.62					08 0051																					
HEATING :		46		-70		4589		20		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 :		0		MINIMUM TEMP <= 32 :		0		PRECIPITATION >= 0.01 INCH :		15																			
COOLING :		113		-31		154		39		THUNDERSTORMS :		5		HEAVY FOG :		7		PRECIPITATION >= 0.10 INCH :		10		SNOWFALL >= 1.0 INCH :		0																	

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HUNTINGTON, WV (KHTS)  
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WBAN # 03860

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			
01													01												01	0.28	0.28	
02					0.04	0.01	T		0.05	0.05	T	0.01	02	0.14	0.16	0.04	0.26	T	0.07	0.43	0.28	0.62	0.21	0.50	0.13	02	3.00	3.00
03	0.02	0.11	0.02										03												03	0.15	0.15	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07											T	07	T	T	
08	T	0.36	T	0.01	T								08												08	0.37	0.37	
09													09												09	0.00	0.00	
10													10												10	0.00	0.00	
11					0.01	0.02	0.01	0.01					11												11	0.06	0.06	
12								0.01					12	0.08	0.13	T	0.04	0.02	0.21	0.02			T		0.05	12	1.43	1.43
13	0.03												13												13	0.03	0.03	
14													14			0.15	0.09				0.18	0.48			14	0.90	0.90	
15													15										T	T	15	T	T	
16													16			0.02	0.01	T	T	0.02	0.02	T		T	0.04	16	0.11	0.11
17	T	0.07	0.09	0.05	0.01	T							17												17	0.27	0.27	
18		T	0.01							0.05			18					T	T						18	0.01	0.01	
19					T	0.01	0.01						19	0.01	T										19	0.03	0.03	
20													20						T	T					20	0.00	0.00	
21					T	0.01	0.03	T					21			0.01									21	0.05	0.05	
22	0.04	0.09	0.08	0.01	0.01	T							22												22	0.23	0.23	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25												25	0.00	0.00	
26													26												26	0.00	0.00	
27													27												27	0.00	0.00	
28													28												28	0.00	0.00	
29													29												29	0.00	0.00	
30													30												30	0.00	0.00	
31	0.23	T	0.01	T									31												31	0.24	0.24	

\* Indicates sum of Hourly and Daily disagree.

### MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hr/Min)												

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

# REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

\* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971-2000

## WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

Intensity (as indicated on pages 4 to 6):  
'+' = Heavy    '' = Moderate    '-' = Light

# HUNTINGTON, WV MAY 2010

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

### ADDITIONAL NOTES:

Station Augmentation-HUNTINGTON SWG PL COOP  
Lat/Lon:38.41833/-82.51 Elevation:520  
Distance:3 MI Dir:N  
Augmented Elements:Temp, Precip, Snow  
Equipment:MMTS, SRG, Snowboard

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							10.00	10.00	
02							0.25	10.00	
03							7.00	10.00	
04							10.00	10.00	
05							8.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							1.50	10.00	
09							10.00	10.00	
10							0.25	10.00	
11							9.00	10.00	
12							1.75	10.00	
13							0.25	10.00	
14							1.50	10.00	
15							2.50	10.00	
16							4.00	10.00	
17							2.50	10.00	
18							6.00	10.00	
19							1.00	10.00	
20							0.00	10.00	
21							4.00	10.00	
22							2.50	10.00	
23							0.50	10.00	
24							1.50	10.00	
25							10.00	10.00	
26							3.00	10.00	
27							0.75	10.00	
28							2.00	10.00	
29							2.00	10.00	
30							0.00	9.00	
31							4.00	10.00	
MONTHLY AVGS							4.06	9.97	
<b>SUNSHINE (Minutes)</b>									
Total : 0					Possible : 26509				
Percent Possible : 0									
<b>NUMBER OF DAYS WITH : SKY CONDITION</b>									
Clear		Partly CLDY			Cloudy			Missing	
<b>MINIMUM VISIBILITY (MILES)</b>									
<= .25			<= 3.0				>= 7.0		
5			18				9		

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HUNTINGTON, WV**  
MAY 2010 KHTS

WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND RELATIVE HUMIDITY (PCT)	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND RELATIVE HUMIDITY (PCT)	PRESSURE (INCHES, HG)					
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		STATION	SEA LEVEL				Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		STATION	SEA LEVEL				
<b>SUNRISE: 0534      MAY 01      SUNSET: 1921</b>																													
01	CLR	NC			10.00		66	43	54	43	5	20	28.93	29.79	01	CLR	NC			10.00		51	46	48	83	0	00	29.08	29.97
04	CLR	NC			10.00		62	44	53	52	0	00	28.94	29.81	04	CLR	NC			10.00		48	45	47	89	3	02	29.05	29.93
07	CLR	NC			10.00		58	52	55	81	0	00	28.95	29.82	07	CLR	NC			10.00		51	47	49	86	0	00	29.08	29.96
10	OVC	045			10.00		68	55	60	63	0	00	29.00	29.88	10	CLR	NC			10.00		70	53	60	55	7	20	29.03	29.90
13	SCT	075			10.00		76	60	66	58	7	VR	28.99	29.86	13	CLR	NC			10.00		83	60	68	46	7	VR	28.93	29.80
16	CLR	NC			10.00		75	58	65	56	5	19	28.94	29.81	16	CLR	NC			10.00		88	55	67	33	13	22	28.82	29.69
19	BKN	110			10.00	-RA	64	62	63	93	3	19	28.97	29.85	19	CLR	NC			10.00		83	55	66	38	8	21	28.79	29.66
22	BKN	095			10.00		64	61	62	90	8	09	28.91	29.78	22	OVC	100			10.00		80	57	66	45	8	21	28.80	29.66
<b>SUNRISE: 0533      MAY 02      SUNSET: 1922</b>																													
01	BKN	120			10.00		66	62	64	87	11	20	28.90	29.77	01	SCT	110			10.00		78	59	66	52	11	22	28.76	29.62
04	OVC	110			10.00		68	63	65	84	8	19	28.88	29.75	04	OVC	080			9.00	-RA	57	50	53	78	9	27	28.94	29.81
07	BKN	080			10.00		68	64	65	87	6	18	28.88	29.75	07	FEW	042			10.00		54	42	48	64	10	27	29.04	29.91
10	OVC	046			10.00	-RA	67	65	66	93	3	05	28.93	29.80	10	BKN	044			10.00		57	37	47	47	9	26	29.07	29.94
13	OVC	048			7.00	-RA	68	66	67	93	3	27	28.95	29.83	13	BKN	055			10.00		61	38	50	43	16	27	29.08	29.96
16	OVC	095			10.00		67	65	66	93	0	00	28.90	29.77	16	BKN	065			10.00		59	36	48	42	11	28	29.13	30.02
19	OVC	041			1.75	RA BR	66	65	65	97	6	08	28.90	29.78	19	OVC	060			10.00		52	33	43	49	14	29	29.22	30.12
22	OVC	039			1.50	RA BR	66	64	65	93	9	12	28.90	29.77	22	OVC	060			10.00		50	35	43	57	7	VR	29.28	30.17
<b>SUNRISE: 0532      MAY 03      SUNSET: 1922</b>																													
01	BKN	049			10.00	-RA	68	66	67	93	7	21	28.89	29.76	01	OVC	065			10.00		49	35	43	59	8	30	29.29	30.19
04	OVC	014			10.00		68	66	67	93	5	20	28.88	29.75	04	BKN	045			10.00		46	35	41	66	7	29	29.32	30.22
07	BKN	040			10.00		68	66	67	93	6	21	28.96	29.83	07	CLR	NC			10.00		46	37	42	71	8	32	29.38	30.28
10	SCT	050			10.00		71	60	64	68	6	30	29.00	29.87	10	SCT	047			10.00		53	34	44	49	10	32	29.40	30.30
13	BKN	060			10.00		74	55	63	52	5	VR	29.01	29.88	13	BKN	055			10.00		54	33	45	45	7	VR	29.39	30.29
16	SCT	065			10.00		78	52	63	40	9	27	28.98	29.85	16	BKN	060			10.00		59	34	47	39	9	30	29.37	30.27
19	FEW	085			10.00		74	46	58	37	6	26	28.98	29.85	19	SCT	065			10.00		54	33	44	45	5	30	29.38	30.29
22	CLR	NC			10.00		61	51	55	70	3	22	29.03	29.91	22	CLR	NC			10.00		45	36	41	71	0	00	29.41	30.32
<b>SUNRISE: 0530      MAY 04      SUNSET: 1923</b>																													
01	CLR	NC			10.00		58	50	54	75	6	32	29.05	29.93	01	CLR	NC			10.00		39	36	38	89	0	00	29.41	30.33
04	FEW	070			10.00		55	49	52	80	0	00	29.08	29.96	04	CLR	NC			8.00		36	34	35	92	0	00	29.44	30.34
07	SCT	110			10.00		55	50	52	83	6	21	29.11	30.00	07	CLR	NC			1.25	BR	38	36	37	93	0	00	29.47	30.37
10	CLR	NC			10.00		69	52	59	55	7	24	29.08	29.97	10	CLR	NC			10.00		55	31	44	40	7	VR	29.46	30.37
13	FEW	060			10.00		75	51	61	43	8	29	29.05	29.94	13	CLR	NC			10.00		59	30	46	33	8	15	29.41	30.33
16	CLR	NC			10.00		77	45	59	32	8	26	29.03	29.90	16	CLR	NC			10.00		62	32	48	32	8	05	29.36	30.26
19	CLR	NC			10.00		73	44	57	35	5	32	29.03	29.90	19	CLR	NC			10.00		59	34	47	39	3	06	29.35	30.25
22	CLR	NC			10.00		59	50	54	72	3	09	29.05	29.93	22	CLR	NC			10.00		52	40	46	64	3	08	29.34	30.23
<b>SUNRISE: 0529      MAY 05      SUNSET: 1924</b>																													
01	CLR	NC			10.00		53	49	51	86	0	00	29.05	29.93	01	BKN	085			10.00		52	38	45	59	0	00	29.29	30.18
04	CLR	NC			10.00		51	48	49	90	0	00	29.05	29.93	04	OVC	060			10.00		52	38	45	59	5	11	29.21	30.11
07	CLR	NC			10.00		53	49	51	86	0	00	29.08	29.95	07	OVC	060			10.00	-RA	51	47	49	86	5	08	29.17	30.06
10	CLR	NC			10.00		72	54	61	53	7	19	29.05	29.93	10	OVC	080			10.00		56	53	54	90	5	11	29.15	30.05
13	FEW	080			10.00		81	51	63	35	9	22	29.01	29.88	13	OVC	048			10.00		70	57	62	64	8	20	29.12	30.01
16	FEW	090			10.00		84	50	64	31	9	26	28.95	29.83	16	BKN	045			10.00		74	57	64	56	10	22	29.09	29.97
19	CLR	NC			10.00		80	51	63	37	3	21	28.94	29.82	19	BKN	070			10.00		72	57	63	59	6	22	29.11	29.99
22	CLR	NC			10.00		69	53	60	57	0	00	28.96	29.83	22	CLR	NC			10.00		68	58	62	71	5	20	29.15	30.04
<b>SUNRISE: 0528      MAY 06      SUNSET: 1925</b>																													
01	CLR	NC			10.00		63	53	57	70	5	21	28.95	29.82	01	CLR	NC			10.00		66	57	61	73	9	20	29.14	30.02
04	FEW	065			10.00		66	52	58	61	6	27	28.97	29.83	04	OVC	060			10.00		64	58	60	81	7	20	29.14	30.02
07	BKN	055			10.00		64	51	57	63	0	00	29.05	29.93	07	SCT	090			9.00		66	60	62	81	7	20	29.16	30.04
10	FEW	055			10.00		69	45	56	42	0	00	29.09	29.97	10	OVC	090			5.00	-TSRA BR	67	63	65	87	6	19	29.18	30.06
13	CLR	NC			10.00		73	44	57	35	6	27	29.09	29.97	13	OVC	049			7.00	-TSRA	62	61	61	97	5	24	29.21	30.10
16	CLR	NC			10.00		76	37	56	24	5	30	29.08	29.95	16	OVC	055			10.00		65	63	64	93	6	21	29.18	30.07
19	CLR	NC			10.00		71	39	54	31	5	36	29.08	29.96	19	SCT	065			2.00	BR	65	64	64	97	3	09	29.19	30.08
22	CLR	NC			10.00		58	44	51	60	3	10	29.10	29.98	22	OVC	042			10.00	BR	64	63	63	97	0	00	29.22	30.11

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HUNTINGTON, WV MAY 2010 KHTS

# WBAN # 03860

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)																			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT			WET BULB	STATION	SEA LEVEL																	
														Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						
<b>SUNRISE: 0521</b>						<b>MAY 13</b>						<b>SUNSET: 1932</b>																		
01	OVC	060			0.75	BR	64	62	63	93	3	11	29.24	30.13	01	SCT	065			7.00			54	52	53	93	3	16	29.01	29.88
04	OVC	043			5.00	BR	64	62	63	93	0	00	29.24	30.13	04	OVC	055			7.00			56	54	55	93	3	17	29.01	29.88
07	OVC	001			1.00	BR	64	63	63	97	0	00	29.25	30.13	07	OVC	048			2.50	BR		56	54	55	93	5	21	29.04	29.92
10	CLR	NC			10.00		73	66	68	79	7	19	29.25	30.13	10	BKN	075			10.00			60	53	56	78	7	24	29.04	29.92
13	FEW	036			10.00		82	68	73	63	8	22	29.25	30.12	13	OVC	024			6.00	-RA		58	53	55	84	7	33	29.05	29.95
16	CLR	NC			10.00		81	65	70	58	11	19	29.22	30.10	16	OVC	085			10.00			62	54	57	75	3	34	29.07	29.95
19	CLR	NC			10.00		79	67	71	67	9	18	29.17	30.05	19	OVC	030			10.00			61	55	58	81	0	00	29.09	29.98
22	CLR	NC			10.00		74	65	68	74	3	21	29.26	30.14	22	CLR	NC			8.00			56	54	55	93	0	00	29.13	30.02
<b>SUNRISE: 0520</b>						<b>MAY 14</b>						<b>SUNSET: 1933</b>																		
01	CLR	NC			10.00		70	63	66	79	3	20	29.25	30.12	01	OVC	085			2.00	BR		54	53	53	96	3	21	29.14	30.03
04	CLR	NC			10.00		68	64	66	87	5	20	29.26	30.14	04	OVC	008			0.25	FG		53	52	52	96	0	00	29.15	30.04
07	FEW	060			10.00		70	64	66	81	0	00	29.30	30.18	07	VV	001			0.00	FG		54	54	54	100	0	00	29.21	30.10
10	OVC	023			10.00		76	68	71	76	6	21	29.31	30.19	10	OVC	005			7.00			58	55	56	90	5	11	29.23	30.12
13	BKN	030			10.00		80	69	73	69	6	25	29.30	30.17	13	CLR	NC			10.00			70	57	62	64	3	06	29.22	30.11
16	BKN	023			1.50	+RA	72	64	67	76	11	27	29.25	30.13	16	CLR	NC			10.00			72	54	61	53	5	05	29.17	30.06
19	SCT	110			9.00		68	64	66	87	0	00	29.28	30.16	19	CLR	NC			10.00			69	56	61	63	3	05	29.16	30.04
22	OVC	080			5.00	BR	66	65	65	97	3	19	29.27	30.15	22	CLR	NC			10.00			64	57	60	78	5	08	29.15	30.04
<b>SUNRISE: 0519</b>						<b>MAY 15</b>						<b>SUNSET: 1934</b>																		
01	OVC	055			2.50	BR	65	64	64	97	0	00	29.29	30.16	01	SCT	120			10.00			64	56	59	75	5	11	29.14	30.02
04	BKN	085			10.00		61	54	57	78	5	35	29.33	30.22	04	OVC	065			10.00			62	56	59	81	0	00	29.16	30.04
07	CLR	NC			10.00		62	53	57	73	0	00	29.36	30.25	07	OVC	075			4.00	-RA BR		60	58	59	93	0	00	29.19	30.08
10	CLR	NC			10.00		68	53	59	59	5	06	29.36	30.25	10	BKN	075			10.00			66	58	61	76	3	VR	29.18	30.07
13	CLR	NC			10.00		73	53	61	50	0	00	29.32	30.20	13	SCT	070			10.00			72	60	65	66	5	15	29.17	30.05
16	CLR	NC			10.00		77	56	64	48	6	34	29.25	30.13	16	CLR	NC			10.00			74	62	66	66	6	11	29.11	29.99
19	FEW	120			10.00		72	55	62	55	5	04	29.24	30.12	19	SCT	085			10.00			71	60	64	68	6	13	29.08	29.96
22	BKN	050			10.00		67	55	60	66	0	00	29.28	30.16	22	FEW	070			10.00			67	59	62	76	8	14	29.07	29.95
<b>SUNRISE: 0519</b>						<b>MAY 16</b>						<b>SUNSET: 1934</b>																		
01	CLR	NC			10.00		62	55	58	78	0	00	29.25	30.13	01	OVC	065			6.00	-RA		65	60	62	84	0	00	29.08	29.95
04	CLR	NC			8.00		58	55	56	90	3	01	29.22	30.10	04	OVC	028			9.00			63	61	62	93	6	19	29.05	29.92
07	CLR	NC			10.00		59	52	55	78	7	06	29.25	30.13	07	OVC	011			7.00			64	62	63	93	6	20	29.11	29.99
10	CLR	NC			10.00		66	53	59	63	8	03	29.24	30.12	10	OVC	065			10.00			71	63	66	76	9	24	29.14	30.02
13	CLR	NC			10.00		72	56	62	57	3	VR	29.19	30.08	13	OVC	065			10.00			73	60	65	64	6	25	29.14	30.01
16	BKN	095			9.00	-RA	66	58	61	76	5	03	29.16	30.05	16	BKN	085			10.00			76	62	67	62	6	24	29.13	30.01
19	OVC	090			8.00	-RA	62	59	60	90	5	06	29.15	30.04	19	BKN	085			10.00			73	61	66	66	0	00	29.13	30.01
22	CLR	NC			10.00		60	55	57	84	6	06	29.13	30.01	22	CLR	NC			8.00			65	62	63	90	0	00	29.16	30.04
<b>SUNRISE: 0518</b>						<b>MAY 17</b>						<b>SUNSET: 1935</b>																		
01	OVC	065			10.00		58	56	57	93	6	05	29.09	29.97	01	CLR	NC			0.50	FG		60	59	59	97	0	00	29.15	30.04
04	OVC	005			3.00	-RA BR	59	57	58	93	7	07	29.03	29.91	04	CLR	NC			2.50	BR		58	56	57	93	0	00	29.17	30.05
07	OVC	029			5.00	BR	61	60	60	97	0	00	29.01	29.89	07	CLR	NC			5.00	BR		61	59	60	93	0	00	29.22	30.11
10	OVC	042			10.00		69	64	66	84	8	20	29.00	29.87	10	CLR	NC			10.00			73	62	66	69	3	01	29.25	30.14
13	OVC	028			10.00		72	63	66	73	14	25	28.99	29.86	13	BKN	043			10.00			79	61	68	54	0	00	29.23	30.11
16	BKN	040			10.00		71	60	64	68	8	27	28.98	29.85	16	BKN	050			10.00			83	61	69	48	3	02	29.19	30.07
19	OVC	060			10.00		68	60	63	76	5	30	28.99	29.86	19	CLR	NC			10.00			79	61	68	54	0	00	29.19	30.07
22	OVC	037			10.00		64	60	62	87	0	00	29.02	29.89	22	CLR	NC			10.00			68	62	64	81	0	00	29.22	30.10
<b>SUNRISE: 0517</b>						<b>MAY 18</b>						<b>SUNSET: 1936</b>																		
01	OVC	055			7.00		62	60	61	93	5	16	28.96	29.84	01	CLR	NC			5.00	BR		63	61	62	93	0	00	29.21	30.09
04	OVC	018			6.00	BR	62	60	61	93	3	20	28.97	29.84	04	CLR	NC			4.00	BR		62	60	61	93	0	00	29.20	30.07
07	FEW	042			8.00		61	58	59	90	7	21	28.99	29.86	07	CLR	NC			3.00	BR		65	62	63	90	0	00	29.23	30.11
10	BKN	085			9.00		66	58	61	76	7	21	28.97	29.84	10	CLR	NC			10.00			75	63	67	66	5	10	29.26	30.14
13	BKN	041			10.00		66	59	62	78	7	19	28.95	29.83	13	SCT	045			10.00			81	63	69	54	6	09	29.24	30.11
16	OVC	046			10.00		63	54	58	73	8	27	28.97	29.84	16	BKN	080			10.00			80	61	68	52	3	11	29.19	30.07
19	OVC	055			10.00		59	53	56	81	6	25	29.00	29.88	19	CLR	NC			10.00			76	61	67	60	7	08	29.18	30.06
22	OVC	065			10.00		58	53	55	84	6	22	29.03	29.91	22	CLR	NC			10.00			71	60	64	68	5	11	29.22	30.10

# OBSERVATIONS AT 3-HOURLY INTERVALS

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
<b>SUNRISE: 0512      MAY 25      SUNSET: 1942</b>													
01	CLR	NC				67	59	62	76	5	10	29.22	30.09
04	CLR	NC				63	59	61	87	5	10	29.23	30.11
07	CLR	NC				66	60	62	81	0	00	29.27	30.15
10	CLR	NC				75	62	67	64	7	09	29.29	30.16
13						78	64	69	62	0	00	29.26	30.14
16	CLR	NC				79	63	69	58	0	00	29.21	30.09
19	BKN	055				77	63	68	62	3	01	29.18	30.06
22	CLR	NC				70	63	66	79	0	00	29.19	30.06
<b>SUNRISE: 0511      MAY 26      SUNSET: 1943</b>													
01	CLR	NC				66	63	64	90	0	00	29.18	30.06
04	CLR	NC				65	62	63	90	0	00	29.14	30.01
07	CLR	NC				67	64	65	90	3	36	29.15	30.03
10	CLR	NC				79	66	70	65	6	VR	29.14	30.02
13	FEW	047				83	63	70	51	8	04	29.11	29.98
16	CLR	NC				83	62	69	49	6	06	29.07	29.93
19	CLR	NC				81	61	68	51	0	00	29.02	29.88
22	CLR	NC			HZ	70	64	66	81	0	00	29.05	29.92
<b>SUNRISE: 0511      MAY 27      SUNSET: 1944</b>													
01	CLR	NC				66	63	64	90	0	00	29.04	29.91
04	CLR	NC				63	62	62	97	0	00	29.02	29.89
07	CLR	NC				68	65	66	90	0	00	29.05	29.92
10	CLR	NC				81	64	70	56	3	VR	29.05	29.91
13	CLR	NC				85	63	71	48	3	VR	29.02	29.88
16	FEW	060				87	62	71	43	5	03	28.96	29.82
19	CLR	NC				80	59	67	49	3	01	28.96	29.83
22	CLR	NC				70	61	64	73	0	00	28.99	29.85
<b>SUNRISE: 0510      MAY 28      SUNSET: 1944</b>													
01	CLR	NC				65	62	63	90	0	00	28.98	29.85
04	CLR	NC				63	61	62	93	0	00	28.98	29.85
07	CLR	NC				67	63	65	87	7	34	29.02	29.88
10	CLR	NC				77	66	70	69	5	08	29.03	29.89
13	CLR	NC				81	68	72	65	6	34	29.02	29.88
16	CLR	NC				84	67	73	57	5	VR	28.96	29.83
19	CLR	NC				81	64	70	56	3	01	28.99	29.85
22	CLR	NC				71	66	68	84	3	21	29.00	29.87
<b>SUNRISE: 0510      MAY 29      SUNSET: 1945</b>													
01	CLR	NC				65	63	64	93	0	00	29.01	29.87
04	CLR	NC				63	61	62	93	0	00	29.00	29.87
07	CLR	NC				65	62	63	90	0	00	29.03	29.90
10	CLR	NC				76	63	68	64	3	21	29.05	29.92
13	CLR	NC				84	64	71	51	3	VR	29.04	29.90
16	CLR	NC				86	64	71	48	3	06	29.01	29.88
19	CLR	NC				81	65	70	58	3	02	28.99	29.86
22	CLR	NC				72	65	68	79	0	00	29.04	29.91
<b>SUNRISE: 0509      MAY 30      SUNSET: 1946</b>													
01	CLR	NC				69	66	67	90	0	00	29.04	29.90
04	CLR	NC				65	64	64	97	0	00	29.04	29.90
07	SCT	055				66	65	65	97	0	00	29.08	29.96
10	CLR	NC				80	69	73	69	0	00	29.12	29.99
13	SCT	055				86	65	72	50	6	23	29.08	29.96
16	CLR	NC				87	64	72	46	5	VR	29.03	29.90
19	CLR	NC				84	64	71	51	0	00	29.03	29.89
22	FEW	120				75	69	71	82	0	00	29.08	29.95

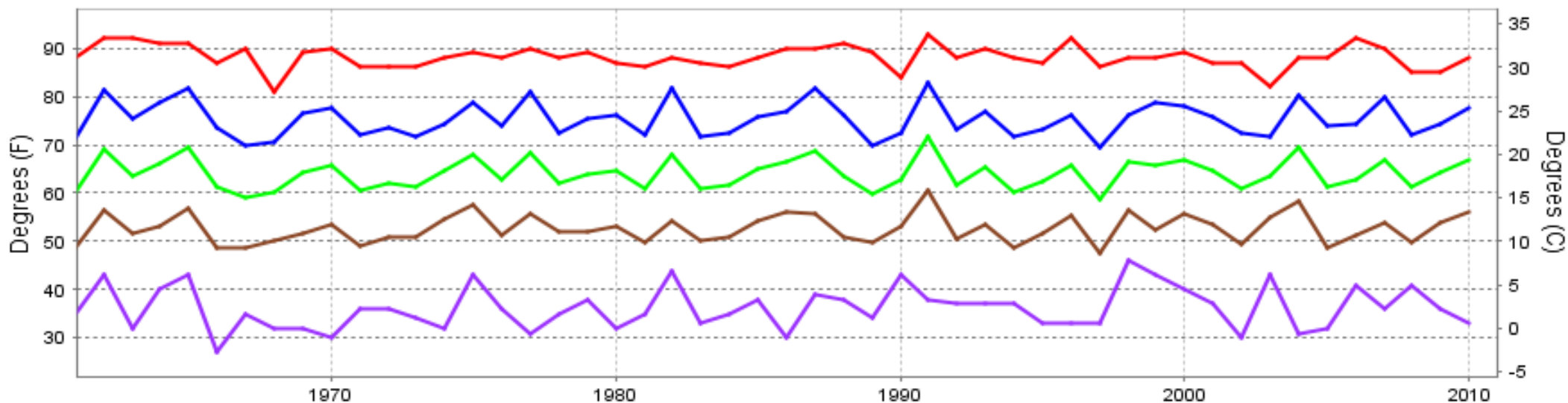
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL
<b>SUNRISE: 0509      MAY 31      SUNSET: 1947</b>													
01	OVC	043			RA BR	67	65	66	93	7	27	29.12	29.99
04	BKN	095				67	65	66	93	5	19	29.11	29.98
07	FEW	042				69	66	67	90	0	00	29.14	30.01
10	FEW	070				74	68	70	82	6	20	29.14	30.02
13	SCT	030				78	66	70	67	8	21	29.09	29.97
16	BKN	060				80	65	70	60	8	19	29.03	29.90
19	BKN	060				75	66	69	74	0	00	29.01	29.88
22	OVC	095				71	67	68	87	3	20	29.05	29.92

**3-HOURLY OBSERVATION NOTES**  
 Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8  
 Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.  
 NC = No Ceiling detected.  
 & = Original observation contained additional weather elements.  
 See page 3 for additional notes.

## SUMMARY BY HOUR

HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			62	56	59	83	29.10	29.98	7.44	3	3	21
02			61	56	58	85	29.10	29.97	7.19	3	2	19
03			60	55	57	86	29.10	29.97	7.36	3	2	20
04			60	55	57	86	29.10	29.98	7.47	3	3	20
05			59	55	57	88	29.11	29.99	7.31	3	2	19
06			58	55	56	89	29.12	30.00	6.34	3	2	18
07			61	56	58	86	29.14	30.02	6.83	3	4	21
08			63	57	60	80	29.14	30.02	8.28	3	2	21
09			67	57	61	73	29.15	30.03	9.10	5	2	22
10			69	57	62	68	29.14	30.02	9.45	5	2	21
11			71	58	63	64	29.15	30.03	9.48	6	2	23
12			73	58	64	62	29.14	30.02	9.35	6	3	22
13			74	57	64	59	29.13	30.01	9.48	6	4	24
14			75	57	64	55	29.12	29.99	9.42	7	4	24
15			75	57	64	55	29.10	29.98	9.68	7	2	23
16			75	56	64	54	29.09	29.97	9.44	6	3	24
17			74	56	63	56	29.09	29.97	9.45	6	3	23
18			73	56	63	58	29.09	29.97	9.39	5	2	22
19			71	56	62	61	29.09	29.97	9.15	4	2	19
20			69	56	61	65	29.10	29.98	8.90	4	2	18
21			67	57	61	71	29.11	29.98	9.23	3	3	17
22			65	57	60	77	29.11	29.99	8.98	3	3	15
23			64	57	60	81	29.11	29.99	8.21	3	2	18
24			63	57	59	82	29.11	29.99	8.07	3	3	16

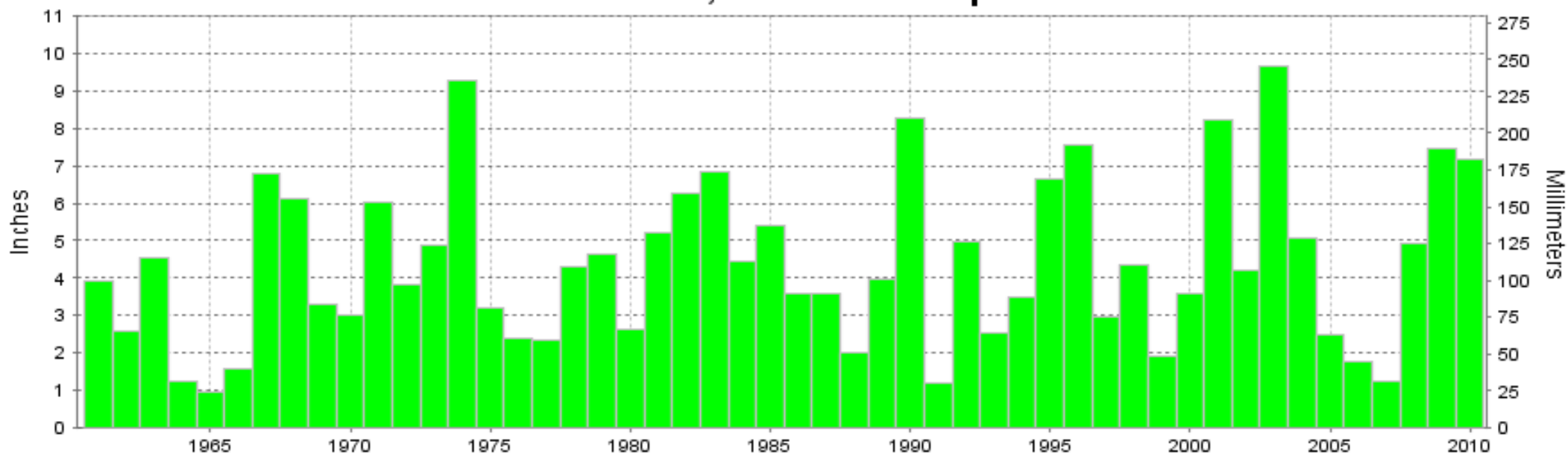
## HUNTINGTON, WV MAY Temperatures



— Extreme Max — Mean Max — Mean — Mean Min — Extreme Min

**Long-Term (1961-2010) Mean: 64.0**  
**1971-2000 Normal: 63.6**

## HUNTINGTON, WV MAY Precipitation



**Long-Term (1961-2010) Mean Monthly Total: 4.37**

**1971-2000 Normal: 4.41**



MAY 2010  
HUNTINGTON, WV

# LOCAL CLIMATOLOGICAL DATA

## NOAA, National Climatic Data Center

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