



AUGUST 2013

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

PITTSBURGH, PA
PITTSBURGH INTERNATIONAL AIRPORT (KPIT)
 Lat:40° 29'N Long: 80° 12'W Elev (Ground) 1203 Feet
 Time Zone : EASTERN WBAN: 94823 ISSN#: 0270-0522



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	81	63	72	-1	60	65	0	7	RA DZ BR	0		0.0	0.13	28.64	29.91	5.9	29	7.5	21	29	16	29	01	
02	76	60	68	-5	56	61	0	3		0		0.0	0.00	28.69	29.97	5.6	25	6.2	24	21	17	28	02	
03	79	59	69	-4	59	63	0	4	RA BR	0		0.0	0.21	28.70	29.99	4.9	26	6.6	20	33	15	32	03	
04	75	55	65	-8	53	58	0	0	RA	0		0.0	0.01	28.77	30.08	7.9	33	8.3	22	32	18	33	04	
05	75	52	64	-8	51	57	1	0		0		0.0	0.00	28.81	30.10	1.4	28	1.7	12	32	9	33	05	
06	80	58	69	-3	54	60	0	4		0		0.0	0.00	28.74	30.02	1.3	16	2.3	14	16	10	20	06	
07	83	63	73	1	63	66	0	8	TS TSRA RA	0		0.0	0.13	28.69	29.98	3.7	18	5.0	26	36	22	36	07	
08	84	66	75	3	68	70	0	10	RA	0		0.0	T	28.69	29.96	2.5	21	4.1	16	05	13	05	08	
09	78	65	72	0	67	69	0	7	RA BR	0		0.0	0.04	28.66	29.95	4.9	30	5.4	20	33	16	33	09	
10	82	61	72	0	59	64	0	7		0		0.0	0.00	28.80	30.09	1.6	32	3.7	16	31	12	33	10	
11	83	64	74	2	59	64	0	9	RA	0		0.0	T	28.82	30.10	2.0	04	3.7	14	10	10	33	11	
12	83	63	73	1	62	66	0	8		0		0.0	0.00	28.74	30.01	2.9	22	3.8		12	21	12	12	
13	80	57	69	-3	59	63	0	4	RA BR HZ	0		0.0	T	28.59	29.88	8.2	32	10.8	30*	34	24*	34	13	
14	69	51	60*	-12	48	53	5	0	DZ	0		0.0	T	28.79	30.10	6.1	32	7.0	21	31	18	31	14	
15	74	47*	61	-11	47	54	4	0		0		0.0	0.00	28.88	30.18	0.3	34	1.3	12	13	6	34	15	
16	78	53	66	-6	51	58	0	1		0		0.0	0.00	28.87	30.17	2.0	03	3.0	16	14	10	07	16	
17	79	56	68	-3	52	59	0	3		0		0.0	0.00	28.94	30.24	4.5	11	4.8	20	09	15	13	17	
18	72	63	68	-3	60	63	0	3	RA DZ BR	0		0.0	0.01	28.92	30.20	1.8	12	2.0	10	11	9	11	18	
19	79	62	71	0	62	65	0	6	RA DZ BR	0		0.0	0.42	28.84	30.13	1.1	29	2.6	17	24	10	28	19	
20	82	58	70	0	58	63	0	5	BR	0		0.0	0.00	28.87	30.17	1.7	23	2.1	10	01	8	21	20	
21	84	60	72	2	61	65	0	7	BR HZ	0		0.0	0.00	28.88	30.16	2.1	22	2.7	24	12	8	23	21	
22	83	65	74	4	64	68	0	9	TS TSRA RA	0		0.0	0.07	28.77	30.06	4.3	25	6.0	24	30	18	29	22	
23	83	66	75	5	59	65	0	10	RA BR	0		0.0	0.01	28.78	30.08	4.0	02	5.7	17	34	15	35	23	
24	81	58	70	0	54	60	0	5		0		0.0	0.00	28.97	30.28	2.0	05	2.9	15	09	9	17	24	
25	82	57	70	1	57	62	0	5		0		0.0	0.00	29.03	30.32	3.7	23	4.1	20	22	14	23	25	
26	85	63	74	5	60	65	0	9	RA	0		0.0	0.02	28.89	30.16	6.3	24	6.6	24	25	17	25	26	
27	81	71	76	7	68	70	0	11	RA BR	0		0.0	0.04	28.72	30.00	5.2	25	6.1	24	31	20	31	27	
28	83	72	78	9	70	72	0	13	RA DZ BR HZ	0		0.0	0.69	28.61	29.89	2.8	31	7.5	21	36	17	36	28	
29	85	68	77	8	65	69	0	12	BR	0		0.0	0.00	28.74	30.02	3.4	04	4.4	15	01	12	01	29	
30	86*	65	76	7	66	69	0	11	BR HZ	0		0.0	0.00	28.69	29.95	3.7	23	4.0	18	19	14	21	30	
31	85	71	78*	9	67	71	0	13	RA HZ	0		0.0	T	28.56	29.84	5.4	21	5.9	21	23	15	22	31	

80.3	61.0	70.7	☼	59.3	63.8	0.3	6.3	< MONTHLY AVERAGES TOTALS >				0.0	1.78	28.78	30.06	1.7	27	4.8	< MONTHLY AVERAGES			
-1.1	-0.5	-0.8		-----DEPARTURE FROM NORMAL ----->								-1.70	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

DEGREE DAYS				GREATEST 24-HR PRECIPITATION : 0.73 DATE : 27-28				SEA LEVEL PRESSURE											
MONTHLY				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.38 DATE 25 TIME 0851											
TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.80 DATE 31 TIME 1751											
SEASON TO DATE				NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0				MINIMUM TEMP <= 32 : 0				PRECIPITATION >= 0.01 INCH : 12			
HEATING : 10 1 11 -2				MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH : 5							
COOLING : 194 -15 719 67				THUNDERSTORMS : 2				HEAVY FOG : 0				SNOWFALL >= 1.0 INCH : 0							

AUGUST 2013
PITTSBURGH, PA

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

PITTSBURGH, PA (KPIT)
AUGUST 2013

WBAN # 94823

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					T	0.13	T	T					01												01	0.13	0.13	
02													02												02	0.00	0.00	
03	T	0.01	0.08	T		0.03	0.08	0.01					03											03	0.21	0.21		
04						0.01							04											04	0.01	0.01		
05													05											05	0.00	0.00		
06													06											06	0.00	0.00		
07													07			0.05	0.05	0.03						07	0.13	0.13		
08													08											08	T	T		
09					T	0.03	T				0.01		09		T	T								09	0.04	0.04		
10													10											10	0.00	0.00		
11													11					T	T					11	T	T		
12													12											12	0.00	0.00		
13													13	T										13	T	T		
14													14											14	T	T		
15													15											15	0.00	0.00		
16													16											16	0.00	0.00		
17													17											17	0.00	0.00		
18													18		T	0.01	T	T	T	T	T	T	T	18	0.01	0.01		
19	0.01	T	0.01	0.16	0.11		T	0.05	0.06	T		0.02	19	T									19	0.42	0.42			
20													20											20	0.00	0.00		
21													21											21	0.00	0.00		
22	T	T											22		0.02				T	0.04	T	0.01	22	0.07	0.07			
23							0.01	T	T	T			23											23	0.01	0.01		
24													24											24	0.00	0.00		
25													25											25	0.00	0.00		
26													26								0.01	0.01	T	26	0.02	0.02		
27					T								27	T	T								0.01	27	0.04	0.04		
28	0.03	0.04	0.53	0.04	0.04	0.01	T		T	T	0.03	T	28	T			T						28	0.69	0.69			
29													29											29	0.00	0.00		
30													30											30	0.00	0.00		
31							T						31											31	T	T		

* 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)	0.31	0.46	0.49	0.51	0.53	0.55	0.55	0.57	0.59	0.60	0.63	0.64
Ending Date	28	28	28	28	28	28	28	28	28	28	28	28
Ending Time (Hr/Min)	0252	0254	0256	0256	0313	0313	0313	0313	0313	0313	0313	0313

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.

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).

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	
VC In the Vicinity	UP Unkown Precipitation		GL Glaze

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

PITTSBURGH, PA AUGUST 2013

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet.

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.

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

NORMALS ARE FOR THE YEARS 1981-2010

ADDITIONAL NOTES & ERRATA:

Station Augmentation-WFO PBZ
Lat/Lon:/ Elevation:
Distance:2.5 MI Dir:SSE
Augmented Elements:Temp, Precip, Snow
Equipment:MMTS, SRG, Snowboard

Beginning with the January 2013 LCD, monthly mean temperature calculations have changed to the National Data Stewardship Team standard. Monthly maximum and minimum temperature are not rounded until after monthly mean temperature is calculated. This is the most accurate outcome, but may be slightly different from the mean derived from rounded monthly maximum and minimum.

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	2.00	10.00
02	9.00	10.00
03	4.00	10.00
04	9.00	10.00
05	10.00	10.00
06	10.00	10.00
07	4.00	10.00
08	7.00	10.00
09	2.00	10.00
10	10.00	10.00
11	8.00	10.00
12	7.00	10.00
13	6.00	10.00
14	10.00	10.00
15	10.00	10.00
16	10.00	10.00
17	8.00	10.00
18	6.00	10.00
19	1.00	10.00
20	6.00	10.00
21	5.00	10.00
22	7.00	10.00
23	3.00	10.00
24	10.00	10.00
25	7.00	10.00
26	7.00	10.00
27	4.00	10.00
28	1.00	10.00
29	6.00	10.00
30	5.00	10.00
31	6.00	10.00
AVGS	6.45	10.00
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
0	5	16

OBSERVATIONS AT 3-HOURLY INTERVALS

PITTSBURGH, PA

AUGUST 2013 KPIT

WBAN # 94823

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0518 AUG 01 SUNSET: 1937																									
01	OVC	022	10.00		66	62	64	87	3	20	28.67	29.94	01	CLR	NC	10.00		66	58	61	75	0	00	28.72	29.99
04	OVC	080	10.00		66	62	64	87	6	21	28.62	29.90	04	BKN	250	10.00		64	59	61	84	0	00	28.71	29.99
07	OVC	014	2.00	-DZ BR	67	64	65	91	7	24	28.63	29.91	07	OVC	220	10.00		65	61	63	87	5	16	28.70	29.98
10	BKN	032	10.00		72	64	67	76	10	29	28.64	29.92	10	OVC	070	10.00		74	64	68	71	3	15	28.72	30.00
13	SCT	047	10.00		78	59	66	52	9	31	28.63	29.91	13	BKN	250	10.00		82	65	71	56	8	20	28.70	29.97
16	SCT	060	10.00		80	59	67	49	14	32	28.61	29.88	16	OVC	250	4.00	-RA	77	68	71	74	11	21	28.68	29.95
19	BKN	250	10.00		76	58	65	54	8	31	28.64	29.92	19	OVC	250	8.00		70	67	68	90	6	12	28.69	29.97
22	SCT	250	10.00		67	58	62	73	3	29	28.66	29.94	22	OVC	170	10.00		68	65	66	90	7	17	28.71	29.99
SUNRISE: 0519 AUG 02 SUNSET: 1936																									
01	FEW	050	10.00		61	57	59	87	5	29	28.66	29.93	01	OVC	160	10.00		69	65	66	87	5	19	28.70	29.97
04	CLR	NC	9.00		61	57	59	87	0	00	28.65	29.92	04	BKN	180	9.00		67	64	65	91	0	00	28.69	29.96
07	FEW	250	10.00		63	58	60	84	8	27	28.70	29.98	07	OVC	250	10.00		69	66	67	90	3	16	28.70	29.98
10	SCT	250	10.00		71	55	62	57	10	28	28.72	30.00	10	OVC	250	10.00		76	69	71	79	5	22	28.71	29.99
13	BKN	250	10.00		74	50	60	43	10	27	28.73	30.01	13	BKN	041	10.00		81	70	73	69	7	24	28.70	29.97
16	BKN	180	10.00		73	52	61	48	5	26	28.71	29.99	16	BKN	044	10.00		83	69	73	63	8	19	28.65	29.93
19	BKN	170	10.00		73	58	64	59	5	23	28.67	29.95	19	OVC	250	10.00		79	69	72	72	5	19	28.66	29.93
22	OVC	170	10.00		72	60	65	66	5	22	28.68	29.96	22	OVC	150	10.00		73	67	69	81	5	32	28.67	29.94
SUNRISE: 0520 AUG 03 SUNSET: 1935																									
01	OVC	085	10.00	-RA	71	60	64	68	8	23	28.68	29.96	01	OVC	110	10.00		72	68	69	87	0	00	28.65	29.92
04	OVC	120	10.00		66	63	64	90	8	26	28.70	29.98	04	OVC	006	7.00		72	69	70	91	0	00	28.64	29.91
07	OVC	100	5.00	-RA BR	64	62	63	93	6	25	28.71	30.00	07	OVC	012	2.00	BR	73	70	71	90	5	21	28.64	29.91
10	OVC	025	8.00		66	63	64	90	6	26	28.71	29.99	10	BKN	032	10.00		76	70	72	82	11	28	28.65	29.92
13	BKN	100	10.00		74	62	66	67	8	22	28.70	29.98	13	OVC	014	10.00		74	67	69	79	9	31	28.67	29.95
16	BKN	080	10.00		75	60	66	60	8	29	28.68	29.96	16	BKN	250	10.00		76	66	69	72	10	29	28.68	29.95
19	BKN	250	10.00		74	54	62	50	10	35	28.71	29.99	19	SCT	250	10.00		76	64	68	67	8	32	28.70	29.97
22	CLR	NC	10.00		64	55	59	73	0	00	28.73	30.02	22	BKN	250	10.00		67	62	64	84	6	30	28.75	30.03
SUNRISE: 0521 AUG 04 SUNSET: 1934																									
01	CLR	NC	10.00		58	53	55	84	5	29	28.74	30.02	01	OVC	230	10.00		62	58	60	86	0	00	28.77	30.06
04	FEW	090	10.00		56	52	54	87	0	00	28.74	30.03	04	OVC	200	10.00		63	58	60	84	0	00	28.77	30.06
07	BKN	080	9.00		59	57	58	93	5	30	28.79	30.07	07	BKN	210	10.00		63	59	61	87	0	00	28.80	30.09
10	BKN	032	10.00		68	55	60	63	10	33	28.79	30.09	10	BKN	250	10.00		74	61	66	64	3	13	28.83	30.11
13	SCT	050	10.00		72	51	60	48	16	34	28.80	30.09	13	BKN	210	10.00		79	60	67	52	8	27	28.82	30.10
16	FEW	050	10.00		74	52	61	46	11	01	28.79	30.08	16	BKN	250	10.00		80	60	67	51	5	31	28.79	30.08
19	SCT	180	10.00		69	51	59	53	10	31	28.80	30.10	19												
22	BKN	250	10.00		64	52	57	65	8	35	28.82	30.12	22	SCT	050	10.00		71	60	64	68	6	03	28.82	30.11
SUNRISE: 0522 AUG 05 SUNSET: 1933																									
01	BKN	220	10.00		59	53	56	81	0	00	28.82	30.12	01	OVC	100	10.00		69	57	62	66	6	02	28.82	30.11
04	SCT	065	10.00		54	51	52	90	3	31	28.83	30.13	04	OVC	110	10.00		66	55	60	68	5	03	28.83	30.11
07	FEW	070	10.00		57	52	54	83	0	00	28.85	30.16	07	BKN	110	10.00		64	55	59	73	3	06	28.84	30.13
10	BKN	250	10.00		67	51	58	57	0	00	28.85	30.15	10	SCT	110	10.00		73	54	62	51	9	09	28.85	30.14
13	OVC	250	10.00		72	48	59	43	6	30	28.80	30.10	13	SCT	065	10.00		77	59	66	54	3	17	28.82	30.10
16	BKN	140	10.00		72	49	59	44	7	28	28.79	30.08	16	SCT	070	10.00		82	62	69	51	3	02	28.77	30.05
19	OVC	150	10.00		68	52	59	57	0	00	28.77	30.06	19	BKN	110	10.00		74	66	69	76	3	24	28.77	30.05
22	OVC	250	10.00		65	54	59	68	0	00	28.76	30.05	22	BKN	065	10.00		72	64	67	76	0	00	28.79	30.07
SUNRISE: 0523 AUG 06 SUNSET: 1931																									
01	FEW	180	10.00		59	53	56	81	0	00	28.76	30.04	01	SCT	038	8.00		67	65	66	93	3	27	28.79	30.07
04	OVC	150	10.00		60	55	57	84	0	00	28.75	30.03	04	FEW	044	8.00		65	62	63	90	0	00	28.79	30.06
07	FEW	110	10.00		61	54	57	78	0	00	28.75	30.04	07	BKN	250	7.00		65	62	63	90	0	00	28.79	30.08
10	SCT	100	10.00		72	52	60	50	3	08	28.77	30.05	10	SCT	250	10.00		76	59	65	56	5	VR	28.79	30.07
13	SCT	150	10.00		78	48	61	35	3	VR	28.75	30.03	13	SCT	250	10.00		82	59	67	46	7	25	28.75	30.03
16	SCT	150	10.00		79	52	63	39	9	17	28.72	30.00	16	SCT	250	10.00		81	61	68	51	7	22	28.70	29.98
19	SCT	250	10.00		77	53	63	43	5	21	28.72	30.00	19	OVC	250	10.00		79	62	68	56	5	21	28.67	29.94
22	FEW	085	10.00		69	58	62	68	0	00	28.72	30.00	22	OVC	180	10.00		74	64	68	71	3	17	28.64	29.91

OBSERVATIONS AT 3-HOURLY INTERVALS

PITTSBURGH, PA
AUGUST 2013 KPIT

WBAN # 94823

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
				SUNRISE: 0529		AUG 13		SUNSET: 1923																	
01	OVC	150	9.00	HZ	73	65	68	76	3	20	28.57	29.84	01	OVC	039	2.50	-DZ BR	66	64	65	93	0	00	28.86	30.15
04	OVC	140	8.00		71	66	68	84	6	20	28.55	29.82	04	OVC	030	1.50	-RA BR	66	64	65	93	0	00	28.84	30.13
07	BKN	150	6.00		70	65	67	84	6	24	28.56	29.83	07	OVC	003	1.00	-RA BR	66	64	65	93	0	00	28.85	30.15
10	BKN	042	10.00		75	63	67	66	16	30	28.58	29.85	10	OVC	037	10.00		68	64	65	87	5	06	28.85	30.15
13	BKN	130	10.00		75	60	66	60	13	33	28.59	29.86	13	BKN	060	10.00		71	65	67	81	5	VR	28.84	30.13
16	BKN	075	10.00		75	57	64	54	21	32	28.60	29.87	16	FEW	032	10.00		78	61	67	56	3	22	28.80	30.09
19	BKN	220	10.00		67	51	58	57	11	33	28.65	29.93	19	SCT	036	10.00		74	60	65	62	10	28	28.81	30.11
22	SCT	250	10.00	60	47	53	62	9	35	28.71	30.00	22	CLR	NC	10.00		65	60	62	84	0	00	28.83	30.13	
				SUNRISE: 0530		AUG 14		SUNSET: 1921																	
01	CLR	NC	10.00	54	47	50	77	5	27	28.73	30.01	01	CLR	NC	10.00		62	57	59	84	0	00	28.84	30.13	
04	BKN	055	10.00	52	48	50	86	8	27	28.73	30.02	04	CLR	NC	9.00		60	55	57	84	0	00	28.85	30.14	
07	BKN	050	10.00	53	47	50	80	6	27	28.77	30.07	07	FEW	065	6.00	BR	61	57	59	87	0	00	28.90	30.19	
10	BKN	050	10.00	61	49	54	65	10	33	28.81	30.11	10	CLR	NC	10.00		75	61	66	62	6	23	28.92	30.22	
13	BKN	060	10.00	65	48	56	54	10	33	28.82	30.13	13	SCT	050	10.00		80	56	65	44	6	VR	28.91	30.20	
16	BKN	060	10.00	67	47	56	49	8	33	28.82	30.12	16	FEW	060	10.00		82	55	65	40	6	21	28.87	30.15	
19	BKN	065	10.00	65	48	56	54	7	32	28.83	30.14	19	SCT	250	10.00		77	60	66	56	3	23	28.86	30.15	
22	CLR	NC	10.00	56	49	52	77	5	33	28.87	30.17	22	FEW	250	10.00		70	61	64	73	0	00	28.90	30.18	
				SUNRISE: 0531		AUG 15		SUNSET: 1920																	
01	CLR	NC	10.00	52	47	49	83	0	00	28.88	30.19	01	FEW	250	7.00		64	60	62	87	0	00	28.90	30.19	
04	CLR	NC	10.00	50	46	48	86	0	00	28.88	30.19	04	FEW	250	6.00	BR	62	59	60	90	0	00	28.89	30.18	
07	FEW	250	10.00	51	47	49	86	0	00	28.91	30.22	07	SCT	250	5.00	BR	63	59	61	87	0	00	28.91	30.21	
10	BKN	250	10.00	65	48	56	54	0	00	28.93	30.23	10	SCT	150	10.00		76	62	67	62	0	00	28.93	30.22	
13	BKN	250	10.00	70	44	56	39	0	00	28.88	30.19	13	SCT	250	10.00		83	60	68	46	5	VR	28.89	30.18	
16	BKN	250	10.00	72	45	57	38	3	17	28.84	30.14	16	BKN	250	10.00		83	57	67	41	6	20	28.83	30.12	
19	BKN	250	10.00	70	46	57	42	6	34	28.84	30.14	19	OVC	200	10.00		78	63	68	60	0	00	28.82	30.10	
22	OVC	220	10.00	61	50	55	67	0	00	28.86	30.16	22	OVC	200	10.00		73	65	68	76	7	21	28.82	30.10	
				SUNRISE: 0532		AUG 16		SUNSET: 1919																	
01	OVC	200	10.00	58	51	54	78	0	00	28.86	30.16	01	OVC	110	8.00	-RA	71	65	67	81	6	21	28.82	30.10	
04	OVC	180	10.00	58	50	54	75	0	00	28.85	30.15	04	OVC	200	10.00		67	62	64	84	5	24	28.81	30.09	
07	SCT	250	10.00	59	51	55	75	0	00	28.88	30.17	07	SCT	250	10.00		66	61	63	84	6	21	28.82	30.11	
10	BKN	250	10.00	70	50	59	49	0	00	28.89	30.19	10	SCT	200	10.00		76	65	69	69	7	25	28.80	30.08	
13	SCT	250	10.00	75	49	60	40	0	00	28.88	30.18	13	BKN	250	10.00		82	65	71	56	9	26	28.77	30.04	
16	SCT	250	10.00	75	49	60	40	5	VR	28.86	30.16	16	BKN	250	10.00		80	65	70	60	8	25	28.74	30.02	
19	SCT	250	10.00	74	50	60	43	8	02	28.88	30.17	19	BKN	250	10.00		77	69	72	77	6	21	28.71	29.99	
22	FEW	250	10.00	67	52	58	59	3	02	28.89	30.18	22	OVC	120	10.00		68	65	66	90	0	00	28.75	30.03	
				SUNRISE: 0533		AUG 17		SUNSET: 1917																	
01	BKN	250	10.00	61	53	57	75	0	00	28.91	30.21	01	OVC	140	6.00	BR	68	66	67	93	0	00	28.75	30.03	
04	BKN	250	10.00	57	53	55	87	0	00	28.93	30.23	04	OVC	100	3.00	BR	68	66	67	93	5	32	28.74	30.01	
07	OVC	250	9.00	59	53	56	81	0	00	28.97	30.26	07	OVC	110	4.00	-RA BR	68	66	67	93	3	02	28.77	30.04	
10	BKN	250	10.00	71	52	60	51	7	08	28.97	30.27	10	OVC	055	4.00	BR	71	67	68	87	6	05	28.80	30.09	
13	BKN	250	10.00	76	50	61	40	11	08	28.94	30.24	13	SCT	150	10.00		79	58	66	49	9	10	28.80	30.09	
16	BKN	250	10.00	78	48	61	35	10	11	28.92	30.22	16	FEW	060	10.00		82	53	64	37	8	30	28.79	30.07	
19	OVC	250	10.00	72	52	60	50	7	12	28.94	30.23	19	FEW	070	10.00		76	51	61	42	11	36	28.81	30.09	
22	OVC	250	10.00	68	53	59	59	3	12	28.94	30.23	22	FEW	070	10.00		69	52	59	55	8	01	28.87	30.16	
				SUNRISE: 0534		AUG 18		SUNSET: 1916																	
01	OVC	220	10.00	65	55	59	70	3	08	28.92	30.20	01	CLR	NC	10.00		64	52	57	65	3	01	28.90	30.19	
04	OVC	200	10.00	64	55	59	73	3	05	28.91	30.20	04	CLR	NC	10.00		61	52	56	72	3	02	28.92	30.21	
07	OVC	050	10.00	63	57	60	81	0	00	28.94	30.24	07	FEW	250	10.00		62	54	57	75	5	02	28.99	30.28	
10	OVC	200	10.00	69	59	63	70	5	13	28.95	30.24	10	FEW	250	10.00		71	57	63	61	0	00	29.03	30.32	
13	OVC	040	10.00	71	59	64	66	6	12	28.93	30.22	13	SCT	039	10.00		79	53	63	41	3	VR	29.01	30.29	
16	OVC	100	9.00	-RA	71	62	65	73	0	00	28.89	30.19	16	FEW	060	10.00		79	51	63	38	3	20	28.99	30.28
19	BKN	085	9.00	-RA	68	65	66	90	0	00	28.88	30.18	19	FEW	065	10.00		76	55	63	48	3	04	28.99	30.28
22	OVC	150	8.00	-RA	67	64	65	91	0	00	28.88	30.18	22	SCT	055	10.00		69	55	61	61	5	09	29.02	30.31

OBSERVATIONS AT 3-HOURLY INTERVALS

PITTSBURGH, PA

AUGUST 2013

KPIT

WBAN # 94823

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0541 AUG 25					SUNSET: 1906							
01	CLR	NC	10.00		63	57	60	81	0	00	29.01	30.30
04	FEW	250	10.00		61	56	58	84	0	00	29.04	30.34
07	BKN	250	7.00		60	56	58	86	0	00	29.08	30.38
10	SCT	250	10.00		73	59	64	62	5	20	29.08	30.37
13	SCT	250	10.00		82	56	66	41	7	27	29.05	30.34
16	SCT	250	10.00		81	57	66	44	11	21	29.00	30.29
19	BKN	250	10.00		76	59	65	56	3	23	28.98	30.27
22	BKN	250	10.00		71	58	63	63	7	24	28.99	30.29
SUNRISE: 0542 AUG 26					SUNSET: 1904							
01	BKN	250	10.00		66	57	61	73	5	23	28.96	30.24
04	SCT	250	10.00		64	57	60	78	5	23	28.93	30.22
07	FEW	250	10.00		66	56	60	70	5	25	28.96	30.24
10	BKN	250	10.00		77	59	66	54	6	25	28.94	30.23
13	SCT	250	10.00		83	58	67	43	9	26	28.87	30.15
16	OVC	220	10.00		83	59	68	44	13	22	28.79	30.08
19	OVC	250	10.00		79	63	69	58	7	23	28.79	30.07
22	OVC	150	10.00		74	65	68	74	3	21	28.79	30.07
SUNRISE: 0543 AUG 27					SUNSET: 1903							
01	OVC	110	8.00		73	66	68	79	9	26	28.75	30.02
04	OVC	050	7.00		72	66	68	82	6	26	28.74	30.01
07	OVC	060	7.00		72	67	69	84	5	26	28.75	30.02
10	OVC	220	7.00		78	68	71	71	6	26	28.76	30.03
13	OVC	100	10.00	-RA	76	67	70	74	7	24	28.71	29.98
16	BKN	180	10.00		81	67	72	62	10	24	28.69	29.97
19	BKN	250	9.00		75	68	70	79	3	24	28.71	29.98
22	OVC	200	7.00		73	69	70	87	3	16	28.70	29.98
SUNRISE: 0544 AUG 28					SUNSET: 1860							
01	OVC	130	3.00	-RA BR	72	70	71	94	3	19	28.65	29.92
04	OVC	009	5.00	BR	73	70	71	90	5	01	28.64	29.91
07	OVC	085	2.00	BR	73	71	72	94	7	14	28.63	29.91
10	OVC	065	2.00	BR	75	71	72	88	6	22	28.61	29.88
13	OVC	044	6.00	-RA	78	72	74	82	10	25	28.59	29.86
16	BKN	085	10.00		83	70	74	65	11	31	28.57	29.84
19	OVC	037	10.00		76	70	72	82	10	02	28.61	29.88
22	OVC	023	10.00		73	69	70	87	7	36	28.67	29.94
SUNRISE: 0545 AUG 29					SUNSET: 1858							
01	BKN	005	7.00		71	69	70	94	9	36	28.67	29.95
04	OVC	007	8.00		71	68	69	90	6	02	28.70	29.97
07	SCT	018	6.00	BR	70	67	68	90	5	06	28.75	30.02
10	BKN	015	10.00		74	66	69	76	3	08	28.77	30.06
13	SCT	035	10.00		81	64	70	57	3	VR	28.77	30.05
16	SCT	046	10.00		84	62	70	48	0	00	28.75	30.02
19	FEW	050	10.00		81	63	69	54	3	05	28.76	30.03
22	CLR	NC	10.00		72	64	67	76	0	00	28.77	30.04
SUNRISE: 0546 AUG 30					SUNSET: 1856							
01	CLR	NC	10.00		67	64	65	91	0	00	28.75	30.02
04	FEW	220	8.00		66	63	64	90	0	00	28.74	30.01
07	BKN	250	5.00	BR	66	63	64	90	0	00	28.75	30.02
10	BKN	250	10.00		78	67	71	69	8	22	28.74	30.01
13	SCT	250	10.00		85	66	72	53	6	25	28.68	29.95
16	SCT	250	10.00		84	66	72	55	7	24	28.64	29.91
19	SCT	250	10.00		81	67	72	62	0	00	28.60	29.87
22	CLR	NC	10.00		77	67	70	71	5	21	28.61	29.88

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0547 AUG 31					SUNSET: 1855							
01	BKN	250	9.00		74	67	69	79	8	21	28.58	29.84
04	BKN	250	7.00		72	67	69	84	6	19	28.56	29.83
07	OVC	110	7.00	-RA	73	67	69	81	0	00	28.58	29.85
10	BKN	220	8.00		75	67	70	76	7	19	28.60	29.87
13	SCT	250	10.00		82	65	71	56	8	20	28.57	29.84
16	BKN	250	10.00		84	65	71	53	8	23	28.54	29.81
19	SCT	250	10.00		80	69	73	69	8	23	28.54	29.81
22	BKN	250	10.00		77	69	72	77	8	21	28.58	29.85

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.

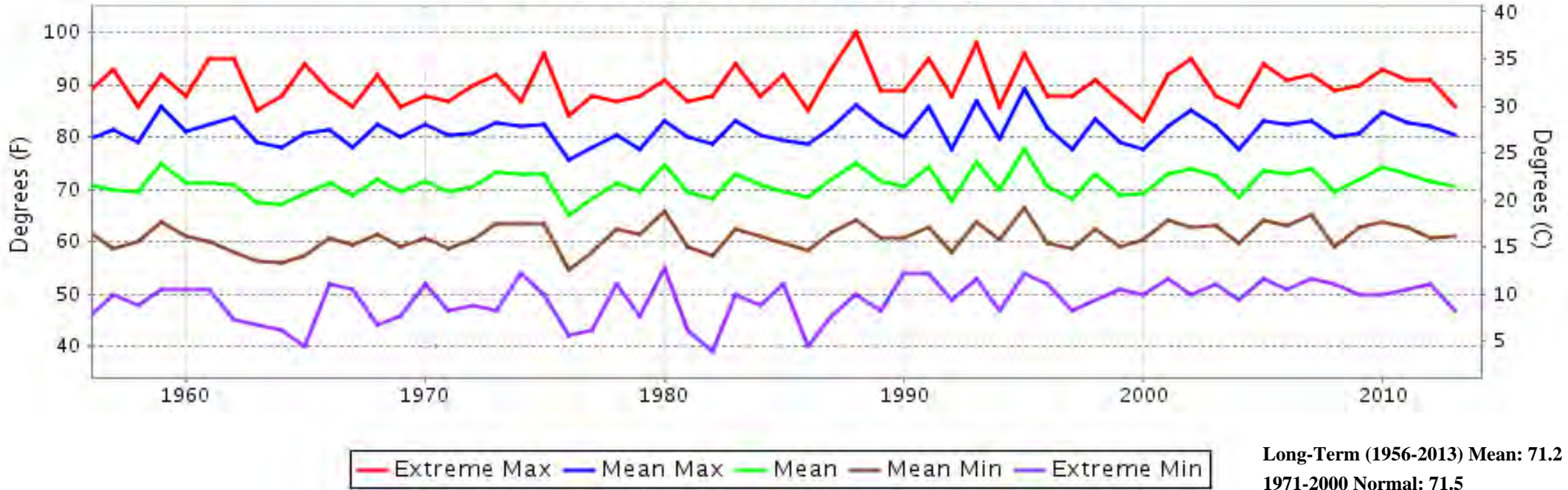
& = Original observation contained additional weather elements.

See page 3 for additional notes.

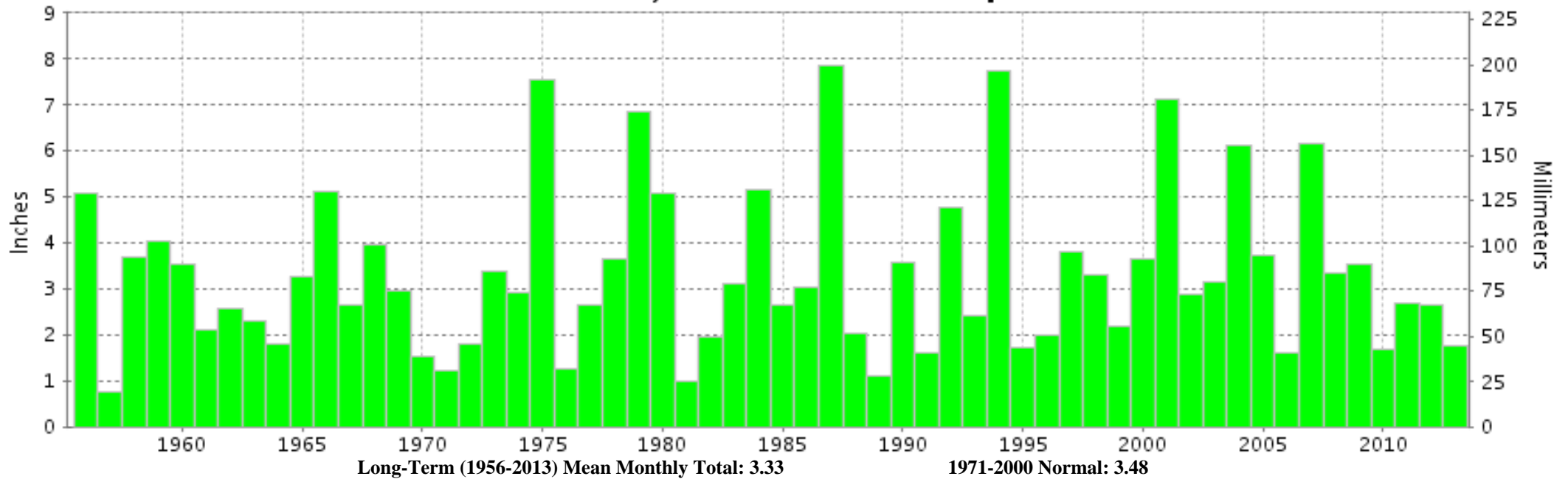
SUMMARY BY HOUR

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)	
	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
					STATION	SEA LEVEL				
01	65	59	62	82	28.78	30.06	8.95	3	2	25
02	65	59	61	83	28.77	30.06	8.66	2	2	25
03	64	59	61	84	28.77	30.05	8.47	3	2	25
04	64	59	61	85	28.77	30.06	8.56	3	2	25
05	63	59	61	86	28.78	30.06	8.21	2	2	25
06	63	59	60	87	28.79	30.07	7.40	2	2	24
07	64	60	62	85	28.80	30.08	7.42	3	2	25
08	67	60	63	81	28.80	30.09	8.00	4	1	25
09	70	61	64	74	28.80	30.09	8.61	5	1	25
10	72	60	65	67	28.81	30.09	9.32	6	2	26
11	74	60	65	61	28.81	30.09	9.61	7	3	26
12	76	59	66	56	28.80	30.08	9.74	7	3	26
13	77	58	66	54	28.79	30.07	9.87	7	4	26
14	78	58	66	52	28.78	30.06	9.94	7	4	26
15	78	58	66	51	28.77	30.05	9.97	8	5	26
16	79	58	66	51	28.76	30.04	9.77	8	4	26
17	78	59	66	53	28.76	30.04	9.87	8	4	26
18	77	59	66	56	28.75	30.04	9.93	8	4	26
19	75	59	65	61	28.76	30.04	9.87	6	2	26
20	72	59	64	65	28.77	30.05	9.93	4	1	24
21	70	60	64	69	28.78	30.07	9.77	5	1	24
22	69	60	63	73	28.78	30.07	9.84	4	1	24
23	68	60	63	77	28.78	30.06	9.61	3	2	25
24	67	60	63	79	28.78	30.06	9.23	2	2	25

PITTSBURGH, PA AUGUST Temperatures



PITTSBURGH, PA AUGUST Precipitation





**AUGUST 2013
PITTSBURGH, PA**

**LOCAL CLIMATOLOGICAL DATA
NOAA, National Climatic Data Center**

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA-National Weather Service / Department Of Transportation-Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.

A handwritten signature in black ink, appearing to read "Thomas R. Karl".

DIRECTOR

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