



DECEMBER 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			
20	21	22	23	24																				
01	43	28	36	-1	27	34	29	0			0.0	0.00	28.79	30.10	3.6	21	3.7	17	23	13	22	01		
02	46	37	42	6	32	37	23	0	RA DZ	0		0.0	T	28.59	29.91	1.7	35	2.2	13	36	8	32	02	
03	54	35	45	9	37	40	20	0	RA BR HZ	0		0.0	0.01	28.59	29.91	0.8	15	1.8	17	22	9	25	03	
04	58	37	48	12	41	45	17	0		0		0.0	0.00	28.63	29.94	4.1	13	4.3	14	15	10	16	04	
05	61	39	50	14	50	52	15	0	RA DZ BR	0		0.0	0.47	28.59	29.91	2.9	25	8.1	25	32	20	33	05	
06	39	29	34	-2	30	32	31	0	RA DZ FZRA SN PL BR	0		2.0	0.53	28.84	30.19	8.6	35	9.1	22	01	16	34	06	
07	30	19	25	-11	19	24	40	0	SN	0		T	T	29.10	30.50	8.0	32	8.3	20	31	16	31	07	
08	31	17	24	-11	19	23	41	0	DZ FZDZ SN BR	2		1.1	0.06	29.07	30.39	6.6	09	6.9	17	13	14	13	08	
09	38	30	34	0	29	32	31	0	RA DZ FZDZ BR	2		0.0	0.04	28.74	30.08	6.7	23	8.5	26	27	18	24	09	
10	30	22	26	-8	15	22	39	0	SN BR	1		2.0	0.06	28.77	30.14	10.2	26	10.8	28	28	21	27	10	
11	30	19	25	-8	13	21	40	0	SN BR	1		0.2	0.01	28.95	30.33	7.3	26	8.6	26	29	21	30	11	
12	22	10	16*	-17	3	14	49	0	SN	1		T	T	29.03	30.40	9.4	26	10.3	28	28	20	28	12	
13	34	20	27	-6	11	22	38	0		0		0.0	0.00	28.90	30.27	5.6	25	5.7	20	25	14	25	13	
14	36	29	33	0	28	31	32	0	RA DZ SN BR	T		2.7	0.46	28.71	30.01	4.8	11	5.1	15	12	13	11	14	
15	38	20	29	-4	23	27	36	0	DZ SN BR	2		T	0.02	28.50	29.87	13.1	27	13.7	36	28	26	28	15	
16	25	18	22	-10	13	19	43	0	SN	2		0.2	0.01	28.77	30.14	2.8	29	5.5	22	29	18	29	16	
17	34	25	30	-2	25	28	35	0	SN BR	2		1.3	0.06	28.66	30.01	5.0	26	6.4	21	28	16	29	17	
18	29	21	25	-7	19	24	40	0	SN	2		T	T	28.80	30.17	6.2	24	7.2	21	24	16	23	18	
19	50	25	38	7	25	35	27	0		2		0.0	0.00	28.75	30.09	6.3	22	6.7	25	22	17	25	19	
20	57	40	49	18	37	45	16	0	RA DZ BR	1		0.0	0.05	28.66	29.96	9.4	21	9.7	24	23	17	21	20	
21	62	56	59	28	55	56	6	0	RA BR	0		0.0	0.51	28.54	29.82	7.7	20	8.9	25	22	17	21	21	
22	72*	52	62*	31	52	56	3	0	RA DZ	0		0.0	0.22	28.48	29.79	11.6	21	12.8	47*	23	33*	23	22	
23	52	29	41	10	32	35	24	0	RA DZ SN BR	0		T	0.06	28.81	30.17	9.2	30	9.8	25	31	20	31	23	
24	31	13	22	-8	13	19	43	0	SN BR	0		1.0	0.04	29.01	30.40	10.6	29	11.1	32	30	25	29	24	
25	28	10*	19	-11	12	17	46	0	SN BR	T		0.6	0.03	29.07	30.42	3.1	16	3.5	15	17	13	15	25	
26	36	25	31	1	21	27	34	0	SN BR	1		1.2	0.05	28.88	30.25	6.9	24	8.1	30	28	20	28	26	
27	42	24	33	3	21	30	32	0		1		0.0	0.00	28.99	30.34	5.7	22	6.4	18	27	14	23	27	
28	51	38	45	16	25	36	20	0		0		0.0	0.00	28.87	30.19	8.2	22	8.5	22	23	16	23	28	
29	44	38	41	12	35	39	24	0	RA DZ BR	0		0.0	0.48	28.54	29.86	2.1	28	5.4	24	28	20	29	29	
30	40	21	31	2	20	24	34	0	DZ SN BR	0		1.7	0.05	28.76	30.14	7.9	32	9.1	31	31	24	31	30	
31	25	22	24	-5	16	21	41	0	SN BR	1		1.0	0.04	28.85	30.24	7.8	25	8.7	36	28	29	27	31	
40.9		27.4	34.1	☼	25.7	31.2	30.6	0.0	< MONTHLY AVERAGES TOTALS >			15.0	3.26	28.78	30.12	4.2	25	7.6	< MONTHLY AVERAGES					
1.5	2.1	1.7	<-----DEPARTURE FROM NORMAL----->									0.41	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 0.70 DATE : 05-06				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY									GREATEST 24-HR SNOWFALL : 2.7 DATE : 14				MAXIMUM : 30.63				08 0014							
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 2 DATE : 19+				MINIMUM : 29.53				22 0205							
SEASON TO DATE									NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 22		PRECIPITATION >= 0.01 INCH : 21							
HEATING : 949 -63 2117 -58									MAXIMUM TEMP <= 32 : 10		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 6											
COOLING : 0 0 831 95									THUNDERSTORMS : 0		HEAVY FOG : 0		SNOWFALL >= 1.0 INCH : 9											

**DECEMBER 2013
PITTSBURGH, PA**

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

PITTSBURGH, PA (KPIT)
DECEMBER 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													01												01	0.00	0.00		
02													02												02	T	T		
03													03												03	0.01	0.01		
04													04												04	0.00	0.00		
05													05	0.06	T	0.01	0.02	0.01	0.03	T	T	T	0.05	0.04	0.06	05	0.47	0.47	
06	0.04	0.08	0.05	T	0.01	T	0.04	0.01	T	T	T		06	T	T	T	0.09	0.01	0.01	0.04	0.04	0.06	0.02	0.01	0.02	06	0.53	0.53	
07				T	T	T	T						07												07	T	T		
08													08	0.01	0.02	T	0.01	0.01					T	0.01	T	08	0.06	0.06	
09	T	0.01	0.01	0.02	T	T	T	T	T	T	T		09												09	0.04	0.04		
10					T	0.02	0.01	0.01	0.01	0.01	T	T	10												10	0.06	0.06		
11													11												11	0.01	0.01		
12	T	T											12												12	T	T		
13													13												13	0.00	0.00		
14					T			T	T	T	0.04	0.01	14	0.03	0.04	0.06	0.07	0.08	0.02	0.03	T	0.07	0.01	T	T	14	0.46	0.46	
15	0.01	0.01	T	T	T	T	T	T	T	T	T	T	15	T	T	T	T	T							15	0.02	0.02		
16					T	T		T	T	T			16												16	0.01	0.01		
17	0.04	0.01	0.01	T	T			T	T	T			17												17	0.06	0.06		
18	T	T	T	T	T	T	T	T	T	T	T	T	18	T	T	T	T								18	T	T		
19													19												19	0.00	0.00		
20					T	T		T					20	0.02					0.01	T	T				20	0.05	0.05		
21		T	T			T	0.03	0.03	0.11	0.02	0.02	0.05	21	0.02	0.01	0.08	0.05	T	T			0.03	0.06	T	21	0.51	0.51		
22			0.04	0.03	0.01	0.01	0.03	0.05	0.04	0.01	T		22		T	T									22	0.22	0.22		
23			T	0.03	0.02	0.01	T	T	T	T	T		23												23	0.06	0.06		
24					T	T	0.01	T	0.01	0.01	T		24							T	T	0.01			24	0.04	0.04		
25													25										T	0.01	0.01	0.01	25	0.03	0.03
26	0.02	0.03	T	T				T	T	T	T	T	26												26	0.05	0.05		
27													27												27	0.00	0.00		
28													28												28	0.00	0.00		
29						T	0.02	0.02	0.08	0.09	0.05	0.03	29	0.06	0.06	0.04	0.01	T	T		0.01	T	T	0.01	T	29	0.48	0.48	
30	T	T	T	T				T	T	T	T	T	30	T	T	T	T	T							30	T*	0.05		
31	T			T	T	T	T	T	T	T	T	T	31	T	T	T	T								31	T*	0.04		

* 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)	0.04	0.06	0.06	0.08	0.08	0.10	0.12	0.15	0.17	0.18	0.21	0.23
Ending Date	26	21	26	06	06	06	21	29	29	29	29	29
Ending Time (Hr/Min)	0357	1442	0408	0209	0221	0229	0900	0940	1000	1023	1038	1106

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 DECEMBER 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	10.00	10.00
02	6.00	10.00
03	4.00	10.00
04	7.00	10.00
05	2.50	10.00
06	0.75	10.00
07	9.00	10.00
08	1.00	10.00
09	0.50	10.00
10	1.00	10.00
11	2.00	10.00
12	8.00	10.00
13	10.00	10.00
14	0.75	10.00
15	1.00	10.00
16	2.00	10.00
17	1.00	10.00
18	2.00	10.00
19	10.00	10.00
20	6.00	10.00
21	2.50	10.00
22	3.00	10.00
23	3.00	10.00
24	0.50	10.00
25	1.25	10.00
26	1.00	10.00
27	10.00	10.00
28	10.00	10.00
29	4.00	10.00
30	1.50	10.00
31	1.50	10.00
AVGS	3.96	10.00
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
0	19	8

OBSERVATIONS AT 3-HOURLY INTERVALS

PITTSBURGH, PA
DECEMBER 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: 0725 DEC 01					SUNSET: 1655					SUNRISE: 0730 DEC 07					SUNSET: 1654										
01	BKN	100	10.00		31	24	28	76	0	00	28.88	30.23	01	OVC	065	10.00		29	26	28	89	8	34	28.96	30.31
04	OVC	095	10.00		31	24	28	76	3	18	28.84	30.18	04	OVC	017	10.00	-SN	29	25	28	85	10	32	29.01	30.36
07	OVC	065	10.00		39	26	34	60	5	20	28.81	30.15	07	OVC	028	10.00		28	22	26	78	13	32	29.09	30.45
10	OVC	075	10.00		40	26	35	58	7	21	28.81	30.14	10	BKN	024	10.00		27	20	25	75	11	30	29.16	30.53
13	OVC	039	10.00		43	27	37	53	7	21	28.76	30.09	13	SCT	025	10.00		29	18	25	63	13	30	29.15	30.52
16	OVC	050	10.00		43	27	37	53	7	21	28.72	30.05	16	BKN	250	10.00		27	16	24	63	9	34	29.17	30.53
19	OVC	130	10.00		40	29	36	65	0	00	28.71	30.04	19	BKN	250	10.00		24	14	21	65	7	33	29.22	30.59
22	OVC	036	10.00		39	29	35	67	0	00	28.70	30.02	22	BKN	250	10.00		21	14	19	74	0	00	29.24	30.62
SUNRISE: 0726 DEC 02					SUNSET: 1655					SUNRISE: 0731 DEC 08					SUNSET: 1654										
01	OVC	047	10.00		39	29	35	67	0	00	28.66	29.98	01	BKN	250	10.00		20	13	18	74	3	04	29.23	30.60
04	OVC	038	10.00		39	29	35	67	0	00	28.62	29.95	04	BKN	220	10.00		19	14	18	81	3	08	29.17	30.55
07	OVC	040	10.00		38	30	35	73	0	00	28.61	29.94	07	OVC	140	10.00		21	13	19	71	6	08	29.16	30.54
10	OVC	048	10.00		41	31	37	67	0	00	28.61	29.93	10	OVC	080	10.00		22	14	20	71	7	09	29.13	30.51
13	OVC	220	10.00		45	33	40	63	3	31	28.55	29.87	13	OVC	027	1.00	-SN BR	24	21	23	88	7	07	29.03	30.40
16	OVC	250	10.00		44	33	39	65	3	35	28.55	29.87	16	OVC	018	8.00	-SN	27	23	26	85	8	09	28.95	30.31
19	OVC	070	10.00	-DZ	41	33	38	73	5	02	28.56	29.88	19	OVC	024	10.00		28	22	26	78	7	10	28.87	30.23
22	OVC	055	6.00		38	34	36	86	0	00	28.57	29.89	22	OVC	005	2.00	-FZDZ BR	29	27	28	92	7	11	28.81	30.17
SUNRISE: 0727 DEC 03					SUNSET: 1655					SUNRISE: 0732 DEC 09					SUNSET: 1654										
01	OVC	065	6.00	HZ	38	33	36	83	0	00	28.56	29.88	01	OVC	002	0.50	-FZDZ BR	32	31	32	96	8	12	28.72	30.06
04	OVC	075	5.00	-RA BR	36	34	35	93	0	00	28.57	29.89	04	OVC	002	0.50	-DZ BR	33	33	33	100	3	14	28.67	30.01
07	OVC	100	5.00	BR	36	34	35	93	0	00	28.59	29.91	07	OVC	011	1.50	-DZ BR	38	37	38	97	7	22	28.68	30.02
10	SCT	055	4.00	BR	41	37	39	86	0	00	28.62	29.95	10	OVC	005	6.00	-DZ BR	37	36	37	96	9	23	28.72	30.06
13	FEW	055	8.00		50	40	45	68	3	21	28.60	29.91	13	OVC	016	10.00		36	30	34	79	15	23	28.74	30.08
16	SCT	220	10.00		53	39	46	59	0	00	28.60	29.91	16	OVC	034	10.00		35	26	32	70	13	25	28.77	30.10
19	OVC	200	10.00		46	38	42	73	5	09	28.60	29.92	19	OVC	024	10.00		32	24	29	73	6	VR	28.80	30.15
22	OVC	150	8.00		44	38	41	79	3	11	28.60	29.92	22	OVC	022	10.00		30	22	27	72	10	25	28.81	30.15
SUNRISE: 0728 DEC 04					SUNSET: 1655					SUNRISE: 0733 DEC 10					SUNSET: 1654										
01	OVC	150	10.00		43	38	41	82	3	10	28.60	29.91	01	OVC	021	10.00		29	21	26	72	9	24	28.79	30.12
04	OVC	039	7.00		40	37	39	89	3	11	28.62	29.93	04	OVC	090	10.00		28	20	25	72	7	30	28.76	30.10
07	BKN	220	7.00		39	36	38	89	0	00	28.66	29.98	07	VV	016	1.50	-SN BR	24	21	23	88	7	30	28.75	30.09
10	OVC	250	7.00		45	38	42	77	5	13	28.69	30.01	10	OVC	038	1.00	-SN BR	23	20	22	88	9	28	28.76	30.11
13	OVC	250	10.00		56	43	49	62	5	13	28.64	29.95	13	SCT	090	10.00		26	13	22	57	15	28	28.75	30.09
16	OVC	220	10.00		58	45	51	62	6	13	28.61	29.92	16	FEW	100	10.00		27	6	21	41	16	25	28.74	30.08
19	OVC	250	10.00		55	45	50	69	6	13	28.60	29.91	19	FEW	050	10.00		26	9	21	48	15	26	28.79	30.15
22	OVC	070	10.00		55	44	49	67	10	15	28.59	29.90	22	SCT	038	10.00		24	11	20	57	15	27	28.89	30.25
SUNRISE: 0729 DEC 05					SUNSET: 1654					SUNRISE: 0734 DEC 11					SUNSET: 1654										
01	BKN	042	10.00		53	45	49	74	6	15	28.59	29.88	01	FEW	036	10.00		22	10	19	60	7	25	28.95	30.32
04	OVC	033	10.00		57	48	52	72	5	18	28.57	29.87	04	SCT	130	10.00		20	11	18	68	6	23	28.98	30.35
07	OVC	075	10.00		58	50	54	75	6	18	28.57	29.87	07	FEW	130	10.00		19	10	17	68	5	23	29.01	30.37
10	OVC	080	6.00	-RA	59	53	56	81	7	19	28.61	29.91	10	SCT	100	10.00		23	10	19	57	10	22	29.02	30.39
13	OVC	045	3.00	-RA BR	60	58	59	93	9	21	28.59	29.88	13	OVC	220	10.00		27	11	22	51	8	24	28.96	30.32
16	OVC	090	5.00	-RA BR	60	58	59	93	5	20	28.59	29.88	16	BKN	120	10.00		30	14	25	51	7	23	28.91	30.27
19	OVC	020	8.00	-DZ	53	49	51	86	14	31	28.65	29.95	19	OVC	060	10.00		28	17	24	63	8	29	28.93	30.29
22	OVC	016	4.00	-RA BR	43	40	42	89	13	33	28.72	30.02	22	BKN	060	6.00	-SN	24	17	22	75	15	30	28.98	30.35
SUNRISE: 0730 DEC 06					SUNSET: 1654					SUNRISE: 0735 DEC 12					SUNSET: 1655										
01	OVC	038	7.00	-RA	37	34	36	89	14	34	28.79	30.09	01	SCT	017	8.00	-SN	19	14	18	81	10	28	29.04	30.41
04	OVC	014	3.00	-RA BR	35	33	34	93	8	34	28.79	30.11	04	SCT	030	10.00		17	7	14	64	10	29	29.06	30.44
07	OVC	042	6.00	-RASN BR	34	32	33	92	5	34	28.84	30.17	07	SCT	250	10.00		11	3	9	70	8	28	29.09	30.47
10	OVC	044	10.00	-RA	35	31	33	85	5	33	28.88	30.22	10	BKN	250	10.00		13	3	11	64	10	27	29.12	30.51
13	OVC	035	10.00	-RASN	35	30	33	82	7	36	28.84	30.18	13	SCT	110	10.00		19	2	15	47	13	26	29.05	30.42
16	OVC	040	3.00	-SNPL BR	32	29	31	88	15	01	28.84	30.18	16	BKN	095	10.00		22	2	17	42	9	24	28.98	30.35
19	OVC	016	0.75	-SN BR	30	28	29	92	11	36	28.88	30.23	19	OVC	046	10.00		22	-0	17	38	9	23	28.95	30.32
22	OVC	040	2.00	-SN BR	30	27	29	88	10	36	28.94	30.29	22	FEW	220	10.00		21	2	16	43	8	24	28.93	30.30

OBSERVATIONS AT 3-HOURLY INTERVALS

PITTSBURGH, PA
DECEMBER 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: 0735 DEC 13 SUNSET: 1655												SUNRISE: 0739 DEC 19 SUNSET: 1657													
01	SCT	085	10.00		20	2	16	45	8	25	28.90	30.27	01	FEW	250	10.00		30	18	26	61	7	19	28.75	30.09
04	OVC	085	10.00		20	5	16	52	9	25	28.91	30.28	04	SCT	220	10.00		34	17	28	50	10	21	28.74	30.08
07	BKN	095	10.00		21	7	17	54	9	23	28.89	30.26	07	SCT	250	10.00		36	17	29	46	10	22	28.76	30.10
10	FEW	090	10.00		24	9	20	52	11	24	28.92	30.28	10	BKN	250	10.00		42	20	34	41	9	22	28.79	30.13
13	SCT	250	10.00		32	14	26	47	9	26	28.89	30.24	13	BKN	250	10.00		48	26	39	42	16	23	28.77	30.09
16	BKN	210	10.00		34	15	28	46	3	23	28.88	30.24	16	BKN	220	10.00		50	32	42	50	6	23	28.76	30.09
19	BKN	250	10.00		28	16	24	60	0	00	28.90	30.27	19	OVC	200	10.00		44	32	39	63	0	00	28.76	30.08
22	OVC	150	10.00		28	18	25	66	0	00	28.94	30.29	22	OVC	220	10.00		43	31	38	63	0	00	28.75	30.07
SUNRISE: 0736 DEC 14 SUNSET: 1655												SUNRISE: 0740 DEC 20 SUNSET: 1657													
01	OVC	100	10.00		30	20	27	66	5	09	28.90	30.25	01	OVC	220	10.00		42	27	36	55	5	17	28.71	30.03
04	OVC	060	10.00		30	21	27	69	5	08	28.88	30.23	04	OVC	055	10.00		49	25	39	39	8	20	28.70	30.01
07	OVC	070	10.00		31	21	28	67	0	00	28.86	30.21	07	OVC	080	10.00		51	29	41	43	10	21	28.66	29.97
10	OVC	026	1.00	-SN BR	30	26	29	85	7	10	28.83	30.19	10	OVC	060	10.00		53	31	43	43	13	22	28.66	29.98
13	OVC	004	1.50	-SN BR	33	32	33	96	7	11	28.67	30.00	13	OVC	035	9.00		50	42	46	74	7	21	28.63	29.95
16	OVC	004	0.75	-SN BR	34	32	33	92	7	11	28.54	29.88	16	OVC	023	10.00		52	44	48	75	8	21	28.62	29.92
19	OVC	021	4.00	-SN BR	34	33	34	97	8	12	28.46	29.78	19	OVC	015	6.00	-RA BR	53	49	51	86	17	21	28.63	29.93
22	OVC	003	1.50	-DZ BR	35	34	35	96	3	13	28.39	29.71	22	OVC	025	10.00		55	48	51	77	8	19	28.62	29.92
SUNRISE: 0737 DEC 15 SUNSET: 1655												SUNRISE: 0741 DEC 21 SUNSET: 1657													
01	OVC	003	1.00	-DZ BR	38	37	38	97	6	26	28.34	29.66	01	OVC	065	10.00		58	50	54	75	9	21	28.58	29.89
04	OVC	015	10.00	-SN	35	32	34	89	14	28	28.39	29.71	04	OVC	110	10.00		60	51	55	72	13	21	28.56	29.86
07	OVC	011	6.00	-SN BR	31	27	29	85	17	28	28.48	29.81	07	OVC	055	10.00	-RA	58	54	56	87	6	20	28.58	29.88
10	OVC	010	5.00	-SN BR	27	23	26	85	17	27	28.55	29.88	10	OVC	023	6.00	-RA BR	57	55	56	93	10	20	28.58	29.88
13	OVC	029	8.00	-SN	28	21	26	75	14	26	28.54	29.88	13	OVC	100	10.00	-RA	59	56	57	90	11	21	28.52	29.81
16	OVC	026	8.00	-SN	29	23	27	78	10	23	28.54	29.88	16	OVC	095	6.00	-RA BR	59	56	57	90	8	19	28.50	29.78
19	BKN	095	10.00		27	17	24	66	16	26	28.61	29.95	19	OVC	100	10.00		57	55	56	93	6	15	28.51	29.80
22	BKN	085	10.00		22	10	19	60	11	28	28.69	30.03	22	OVC	050	10.00	-RA	62	59	60	90	8	18	28.47	29.75
SUNRISE: 0738 DEC 16 SUNSET: 1655												SUNRISE: 0741 DEC 22 SUNSET: 1658													
01	OVC	060	10.00		20	10	17	65	13	30	28.72	30.07	01	OVC	180	10.00		63	58	60	84	14	17	28.30	29.58
04	OVC	030	10.00		19	11	17	71	10	30	28.76	30.11	04	OVC	100	10.00	RA	64	58	60	81	10	25	28.44	29.72
07	OVC	200	8.00		19	12	17	74	6	29	28.77	30.14	07	OVC	090	9.00	-RA	60	57	58	90	9	19	28.51	29.79
10	OVC	220	7.00		20	13	18	74	7	28	28.83	30.20	10	OVC	150	10.00	-RA	61	54	57	78	13	20	28.46	29.74
13	OVC	050	10.00		22	10	19	60	0	00	28.81	30.17	13	OVC	035	10.00		61	54	57	78	16	22	28.48	29.77
16	OVC	026	10.00		24	12	20	60	0	00	28.79	30.15	16	OVC	048	10.00		60	50	55	70	14	23	28.53	29.82
19	OVC	025	10.00		24	16	22	71	5	VR	28.79	30.16	19	OVC	220	10.00		58	47	52	67	8	24	28.60	29.90
22	OVC	060	8.00		25	19	23	78	5	13	28.76	30.11	22	OVC	150	10.00		55	46	50	72	6	25	28.65	29.95
SUNRISE: 0738 DEC 17 SUNSET: 1656												SUNRISE: 0742 DEC 23 SUNSET: 1658													
01	VV	013	1.00	-SN BR	25	23	24	92	3	14	28.69	30.05	01	OVC	034	10.00		52	43	48	72	3	24	28.67	29.97
04	OVC	019	4.00	-SN BR	28	25	27	88	3	17	28.63	29.98	04	OVC	041	4.00	-RA BR	48	46	47	93	5	25	28.70	30.00
07	OVC	010	6.00	BR	34	30	32	85	6	24	28.63	29.97	07	OVC	028	8.00	-RA	42	40	41	92	7	28	28.74	30.05
10	OVC	010	7.00		32	28	30	85	10	27	28.69	30.04	10	OVC	016	6.00	-RASN BR	38	34	36	86	16	31	28.84	30.16
13	OVC	020	10.00		32	24	29	73	7	27	28.67	30.01	13	OVC	021	10.00		35	29	33	78	17	29	28.89	30.22
16	SCT	250	10.00		32	22	28	66	3	VR	28.65	29.98	16	OVC	035	10.00		34	26	31	73	9	28	28.94	30.28
19	OVC	110	10.00		29	22	27	75	6	26	28.68	30.01	19	BKN	220	10.00		33	24	30	70	8	30	28.96	30.29
22	OVC	070	7.00	-SN	28	22	26	78	7	26	28.70	30.04	22	OVC	032	10.00		31	21	28	67	3	25	28.95	30.30
SUNRISE: 0739 DEC 18 SUNSET: 1656												SUNRISE: 0742 DEC 24 SUNSET: 1659													
01	OVC	015	9.00	-SN	27	22	25	81	9	27	28.74	30.08	01	OVC	034	10.00		31	19	27	61	5	25	28.95	30.30
04	OVC	040	7.00	-SN	27	21	25	78	7	24	28.77	30.12	04	OVC	034	10.00		30	18	26	61	7	24	28.93	30.28
07	OVC	250	7.00	-SN	27	21	25	78	9	23	28.79	30.14	07	OVC	026	3.00	-SN	27	22	25	81	14	28	28.92	30.27
10	OVC	039	6.00	-SN	28	21	26	75	9	26	28.83	30.19	10	OVC	038	2.00	-SN BR	21	14	19	74	21	29	28.99	30.35
13	OVC	036	7.00	-SN	29	19	26	66	11	27	28.83	30.18	13	SCT	033	10.00		21	7	17	54	18	30	29.02	30.38
16	OVC	025	10.00		28	17	24	63	7	24	28.86	30.21	16	SCT	034	10.00		20	7	17	57	16	29	29.08	30.45
19	SCT	250	10.00		23	16	21	74	5	18	28.86	30.22	19	OVC	026	6.00	-SN	18	9	16	68	13	30	29.17	30.54
22	CLR	NC	10.00		22	16	20	78	5	16	28.81	30.17	22	FEW	030	10.00		14	7	12	73	5	25	29.17	30.55

OBSERVATIONS AT 3-HOURLY INTERVALS

PITTSBURGH, PA

DECEMBER 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: 0742 DEC 25 SUNSET: 1660					12	6	11	77	0	00	29.14	30.53
01	FEW	032	10.00		11	7	10	84	0	00	29.16	30.55
04	FEW	030	10.00		11	7	10	84	0	00	29.14	30.53
07	BKN	220	10.00		17	9	15	70	7	15	29.13	30.52
10	BKN	090	10.00		22	11	19	63	8	14	29.04	30.42
13	OVC	130	10.00		26	11	22	53	13	15	28.94	30.32
16	BKN	150	10.00		26	14	22	60	0	00	28.95	30.32
19	OVC	065	10.00		26	23	25	88	6	21	28.93	30.29
22	OVC	023	1.50	-SN BR								
SUNRISE: 0743 DEC 26 SUNSET: 1700					27	25	26	92	3	18	28.87	30.23
01	VV	015	1.00	-SN BR	28	26	27	92	5	18	28.82	30.18
04	OVC	037	10.00		29	27	28	92	9	22	28.81	30.16
07	OVC	031	9.00	-SN	31	26	29	82	11	24	28.87	30.23
10	OVC	027	1.50	-SN	34	18	29	52	13	26	28.88	30.23
13	BKN	041	10.00		36	18	30	48	13	24	28.91	30.26
16	SCT	070	10.00		32	17	27	54	5	27	28.97	30.32
19	SCT	050	10.00		27	14	23	58	0	00	29.01	30.37
22	FEW	050	10.00									
SUNRISE: 0743 DEC 27 SUNSET: 1701					25	15	22	66	0	00	29.00	30.35
01	BKN	085	10.00		25	18	23	75	7	17	28.99	30.34
04	OVC	110	10.00		32	20	28	61	8	21	28.99	30.34
07	OVC	100	10.00		34	19	29	54	8	24	29.03	30.38
10	OVC	075	10.00		39	22	33	50	8	27	29.00	30.35
13	BKN	070	10.00		42	25	35	51	7	25	28.98	30.33
16	SCT	250	10.00		38	26	33	62	3	19	28.99	30.33
19	SCT	180	10.00		38	22	32	52	7	21	28.95	30.29
22	FEW	250	10.00									
SUNRISE: 0743 DEC 28 SUNSET: 1702					38	20	31	48	11	21	28.92	30.26
01	CLR	NC	10.00		38	21	32	51	7	21	28.90	30.23
04	FEW	090	10.00		39	23	33	53	10	22	28.90	30.24
07	BKN	180	10.00		42	25	35	51	9	22	28.92	30.25
10	FEW	090	10.00		49	26	39	41	9	24	28.84	30.17
13	FEW	090	10.00		50	27	40	41	9	21	28.83	30.16
16	BKN	250	10.00		46	27	38	47	8	20	28.82	30.16
19	BKN	250	10.00		42	26	36	53	6	18	28.79	30.11
22	OVC	220	10.00									
SUNRISE: 0744 DEC 29 SUNSET: 1702					41	24	34	51	3	16	28.73	30.04
01	OVC	160	10.00		42	23	35	47	3	15	28.67	29.98
04	OVC	090	10.00		39	33	36	79	6	16	28.60	29.92
07	OVC	048	10.00	-RA	39	38	39	96	7	04	28.53	29.85
10	OVC	037	4.00	-RA BR	42	39	41	89	5	02	28.40	29.71
13	OVC	034	6.00	-RA BR	42	40	41	92	8	28	28.44	29.75
16	OVC	005	9.00	-RA	42	40	41	92	6	24	28.48	29.79
19	OVC	007	6.00	BR	41	38	40	89	8	26	28.53	29.85
22	OVC	014	5.00	-DZ BR								
SUNRISE: 0744 DEC 30 SUNSET: 1703					39	34	37	82	10	28	28.55	29.87
01	OVC	035	8.00		31	26	29	82	15	31	28.66	29.99
04	OVC	026	10.00		28	23	26	81	14	31	28.76	30.09
07	OVC	013	9.00	-SN	24	19	22	81	11	35	28.84	30.19
10	OVC	030	2.00	-SN	22	16	20	78	9	34	28.85	30.20
13	OVC	033	1.50	-SN	23	16	21	74	6	34	28.86	30.22
16	OVC	039	10.00		21	17	20	85	3	02	28.86	30.22
19	OVC	042	10.00		22	16	20	78	0	00	28.86	30.22
22	OVC	040	10.00	-SN								

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: 0744 DEC 31 SUNSET: 1704					22	16	20	78	3	17	28.79	30.16
01	OVC	042	10.00		24	19	22	81	5	24	28.77	30.13
04	OVC	055	5.00	-SN	24	18	22	77	9	23	28.76	30.12
07	OVC	075	6.00	-SN	24	18	22	77	11	25	28.81	30.18
10	OVC	024	1.50	-SN	24	14	21	65	22	28	28.90	30.27
13	OVC	044	7.00	-SN	23	11	20	60	13	27	28.95	30.32
16	BKN	180	10.00		23	13	20	65	6	23	28.97	30.34
19	OVC	160	10.00		24	15	21	68	5	20	28.97	30.33
22	OVC	055	10.00									

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.

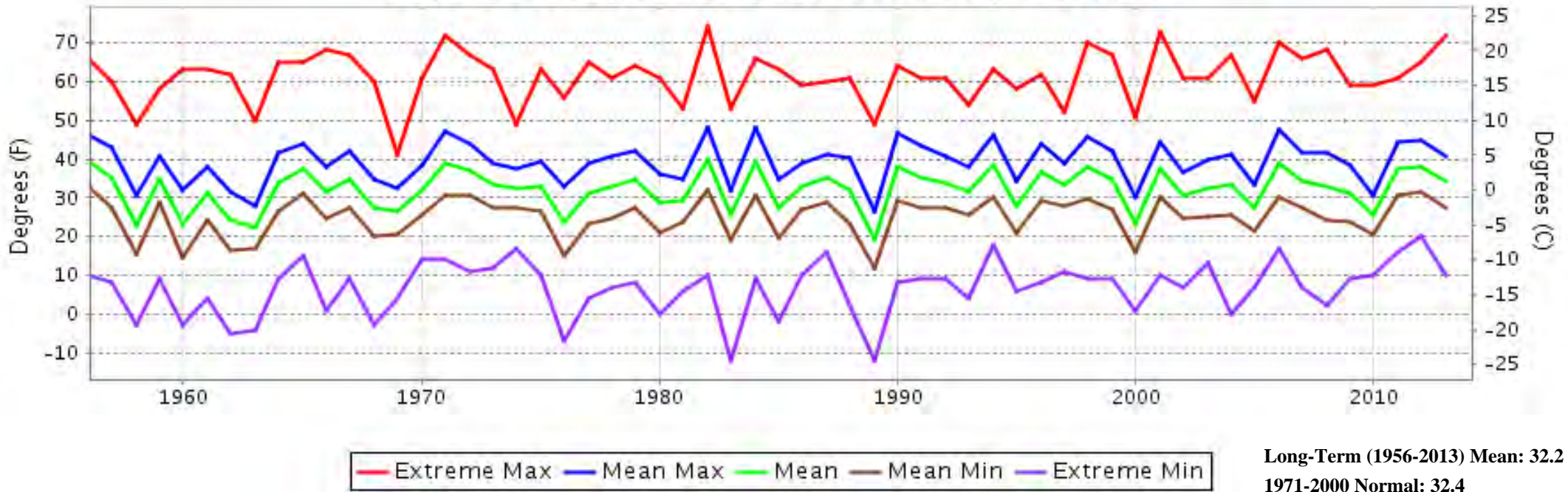
& = Original observation contained additional weather elements.

See page 3 for additional notes.

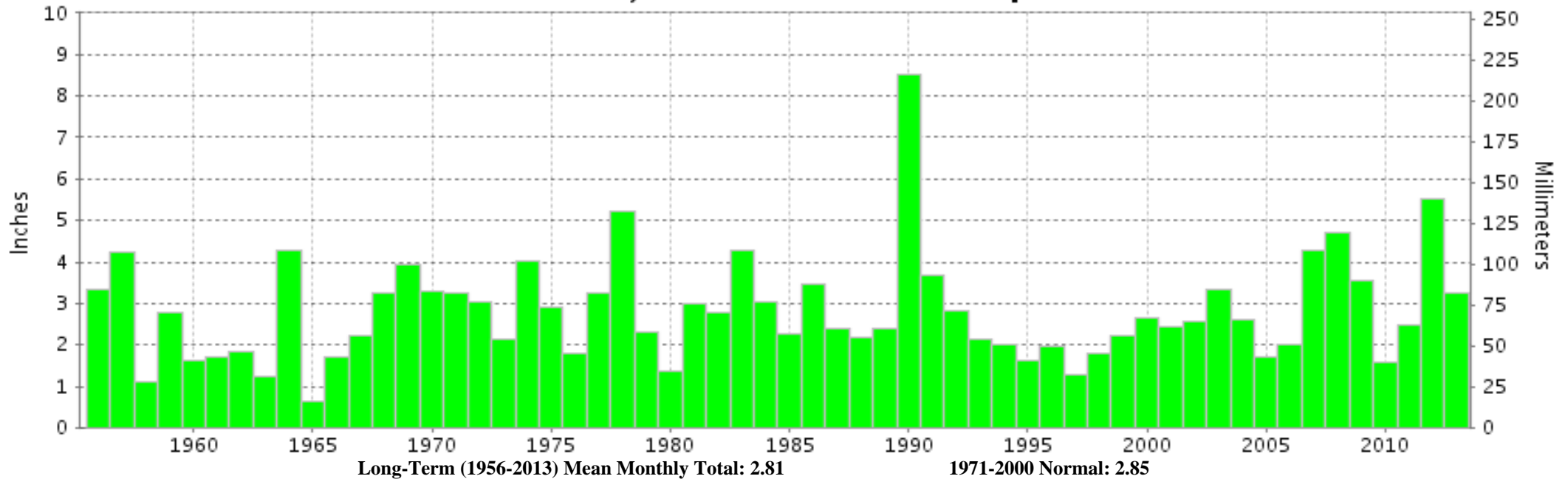
SUMMARY BY HOUR

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	33	25	30	74	28.77	30.11	8.44	6	3	23
02	33	25	30	74	28.77	30.11	8.44	6	4	24
03	33	25	30	75	28.78	30.12	8.32	6	5	24
04	33	25	30	75	28.78	30.11	8.56	6	4	24
05	33	25	30	74	28.77	30.11	8.48	7	5	25
06	33	26	30	75	28.78	30.12	8.08	7	6	25
07	33	26	30	76	28.79	30.13	8.13	7	5	25
08	33	26	30	77	28.79	30.14	8.08	7	5	25
09	33	26	31	75	28.80	30.14	7.63	8	5	25
10	34	26	31	74	28.81	30.16	6.87	9	6	25
11	35	26	32	71	28.82	30.16	7.31	9	6	25
12	36	26	32	70	28.80	30.14	7.95	11	6	25
13	37	26	33	67	28.78	30.12	8.45	10	7	26
14	37	26	33	67	28.77	30.11	8.44	10	6	26
15	37	26	33	66	28.77	30.11	8.53	10	6	25
16	37	26	33	65	28.78	30.11	9.02	8	5	25
17	37	26	33	66	28.78	30.12	9.28	7	4	25
18	36	26	32	68	28.79	30.13	9.19	6	4	24
19	35	26	32	70	28.79	30.13	9.06	7	4	24
20	35	26	31	70	28.80	30.14	8.85	7	5	25
21	34	25	31	73	28.80	30.14	8.49	7	4	24
22	33	25	31	73	28.80	30.14	8.10	6	4	24
23	33	25	30	74	28.79	30.13	8.19	5	4	23
24	33	25	30	74	28.79	30.13	8.35	6	3	23

PITTSBURGH, PA DECEMBER Temperatures



PITTSBURGH, PA DECEMBER Precipitation





**DECEMBER 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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