

Local Climatological Data Daily Summary July 1997

Current Location: Elev: 12 ft. Lat: 29.9521° N Lon: -94.0262° W

Generated on 07/25/2023

Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN: 72241012917 (KBPT)**

Date	Temperature (F)							Degree Days (base 65F)		Sun (LST)		Weather	Precipitation (in)			Pressure (inHg)		Wind	Maximum Wind Speed = MPH								
	Max	Min	Avg	Dep	ARH	ADP	AWB	Heat	Cool	Rise	Set		Weather Type	TLC	Snow Fall	Snow Depth	Avg Stn		Avg SL	Avg Speed	Peak Speed	Peak Dir	Sust. Speed	Sust. Dir			
	2	3	4	5	6	7	8	9	10	11	12	13		14	15	16	17	18	19	20	21	22	23				
01	92	73	83	0.5s				0s	18s	0519	1921		0.00			29.91		7.7	18	220	16	210					
02	93	74	84	1.5				0	19	0519	1921		0.00			29.89		6.7	18	240	14	240					
03	94	73	84	1.4				0	19	0519	1921	FG BR	0.00			29.88		6.4	17	210	14	190					
04	97	74	86	3.4				0	21	0520	1921	FG BR	0.00			29.88		6.0	17	290	14	030					
05	97*	74	86	3.4				0	21	0520	1921	TS FG BR HZ	0.00			29.90		6.5	28	170	23	170					
06	92	73	83	0.3				0	18	0521	1921					29.93		8.1	25	130	24	140					
07	92	73	83	0.3				0	18	0521	1921	TS	0.23			30.00		6.3	25	240	21	240					
08	88	73	81	-1.8				0	16	0522	1920	TS RA	0.46			30.04		5.7	26	200	21	200					
09	92	74	83	0.2				0	18	0522	1920	TS	0.01			30.00		4.8	17	200	14	210					
10	93	73	83	0.2				0	18	0523	1920		0.00			30.00		5.3	17	190	15	190					
11	92	77	85	2.2				0	20	0523	1920		0.01			30.00		6.7	15	180	13	180					
12	94	74	84	1.1				0	19	0524	1920		0.00			30.01		4.4	17	190	15	190					
13	93	74	84	1.1				0	19	0524	1919	TS RA FG BR	1.17			29.95		4.6	31	090	28	090					
14	96	72	84	1.1				0	19	0525	1919	TS FG BR	0.72			29.92		4.5	49	070	39	070					
15	93	71*	82	-0.9				0	17	0525	1919	HZ	0.01			29.95		3.6	14	020	11	020					
16	93	76	85	2.0				0	20	0526	1918		0.01			29.93		5.4	16	120	14	110					
17	94	75	85	2.0				0	20	0526	1918	TS FG BR HZ				29.86		4.6	20	100	16	140					
18	94	73	84	1.0				0	19	0527	1917	TS RA FG BR HZ	2.73			29.84		5.3	25	030	23	030					
19	91	77	84	1.0				0	19	0527	1917	TS FG BR	0.00			29.90		3.5	25	110	20	100					
20	93	76	85	2.0				0	20	0528	1917	TS	0.00			29.93		4.3	17	230	15	210					
21	95	77	86	2.9				0	21	0529	1916	TS	0.12			29.95		5.2	22	140	18	150					
22	95	78	87	3.9				0	22	0529	1916		0.00			29.95		5.9	17	230	14	220					
23	94	75	85	1.9				0	20	0530	1915	TS RA FG BR HZ	0.78			29.94		6.1	31	050	25	060					
24	91	75	83	-0.1				0	18	0530	1915	TS HZ	0.00			29.96		4.0	15	200	13	200					
25	91	77	84	0.9				0	19	0531	1914	TS				29.96		5.1	16	210	13	130					
26	92	76	84	0.8				0	19	0531	1913		0.00			29.92		4.5	16	190	14	170					
27	94	77	86	2.8				0	21	0532	1913		0.00			29.90		4.6	13	230	11	200					
28	94	75	85	1.8				0	20	0533	1912	TS FG BR	0.14			29.91		3.7	28	260	24	270					
29	94	76	85	1.8				0	20	0533	1911	TS BR	0.18			29.93		5.7	22	060	20	070					
30	85	76	81	-2.2				0	16	0534	1911	RA FG BR	0.04			29.96		4.3	16	360	14	360					
31	91	76	84	0.8				0	19	0534	1910	TS RA FG BR HZ	1.08			30.00		4.8	20	300	16	280					
Monthly Averages Totals													7.69			29.94	30.00	5.4									
Departure from Normal (1981-2010)													1.74s														
Degree Days											Number of days with...																
Monthly					Season-to-date					Temperature				Precipitation			Snow		Weather								
Total		Departure			Total		Departure			Max		Min		>=0.01"		>=0.1"	>=1"	T-Storms	Heavy Fog								
Heating		0			0		0			>=90°		<=32°		<=32°		<=0°	>=0.01"		>=0.1"	>=1"	17	1					
Cooling		582			26			1483			29s		0		0		0	16s		10s							
Date of 5-sec to 3-sec wind equipment change								Sea Level Pressure								Greatest...											
2007-06-20								Maximum				Date				Time				24-Hr...				Snow Depth			
								30.17				18				1715				Precip							
								29.83				18				1715				2.73				Date			
18-18																											
Station Augmentation																											
Name: N/A Lat: N/A Lon: N/A Elevation: N/A Distance: N/A Elements: N/A Equipment: N/A																											

Local Climatological Data Hourly Observations July 1997

Current Location: Elev: 12 ft. Lat: 29.9521° N Lon: -94.0262° W

Generated on 07/25/2023

Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN: 72241012917 (KBPT)**

Date	Time (LST)	Station Type	Sky Conditions	Visi- bility	Weather Type (see documentation) AU AW MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press Tend	Net 3-Hr Change (inHg)	Sea Level Press (inHg)	Report Type	Precip Total (in)	Alti- meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
17	0053	C		9.94		76	24.4			74	23.3	94	0	000					29.96	FM-15	0.00	29.97
17	0100	9																		NSRDB		
17	0153	C		9.94		75	23.9			74	23.3	96	5	360					29.96	FM-15	0.00	29.96
17	0200	9																		NSRDB		
17	0253	C		9.94		76	24.4			75	23.9	97	0	000		8	+0.01	29.95	FM-15	0.00	29.95	
17	0300	9																		NSRDB		
17	0353	C		9.94		75	23.9			74	23.3	96	3	330					29.93	FM-15	0.00	29.93
17	0400	9																		NSRDB		
17	0453	C		9.94		76	24.4			75	23.9	97	3	010					29.95	FM-15	0.00	29.95
17	0500	9																		NSRDB		
17	0553	C		9.94		77	25.0			75	23.9	94	5	030		3	-0.01	29.95	FM-15	0.00	29.96	
17	0600	9																		NSRDB		
17	0653	C		5.97	FG	79	26.1			76	24.4	90	3	010					29.96	FM-15	0.00	29.96
17	0700	9																		NSRDB		
17	0753	C		5.97	HZ	83	28.3			76	24.4	79	7	020					29.97	FM-15	0.00	29.97
17	0800	9																		NSRDB		
17	0853	C		6.96		85	29.4			77	25.0	77	7	340		3	-0.03	29.98	FM-15	0.00	29.98	
17	0900	9																		NSRDB		
17	0953	C		5.97	HZ	87	30.6			78	25.6	75	6	320					29.97	FM-15	0.00	29.97
17	1000	9																		NSRDB		
17	1053	C		6.96	HZ	89	31.7			76	24.4	65	6	010					29.97	FM-15	0.00	29.97
17	1100	9																		NSRDB		
17	1153	C		9.94	HZ	91	32.8			74	23.3	57	8	050		8	+0.03	29.95	FM-15	0.00	29.95	
17	1200	9																		NSRDB		
17	1253	C	FEW:02 41	6.96	HZ	93	33.9			75	23.9	56	9	030					29.92	FM-15	0.00	29.92
17	1300	9																		NSRDB		
17	1353	C	FEW:02 25	6.96	HZ	93	33.9			73	22.8	52	6	060					29.91	FM-15	0.00	29.91
17	1400	9																		NSRDB		
17	1453	C	FEW:02 49	5.97	HZ	94	34.4			75	23.9	54	0	000		6	+0.06	29.88	FM-15	0.00	29.88	
17	1500	9																		NSRDB		
17	1553	C	BKN:07 39	5.97	HZ	89	31.7			77	25.0	68	8	210					29.88	FM-15	T	29.88
17	1600	9																		NSRDB		
17	1653	C	BKN:07 30 OVC:08 89	5.97	HZ TS TS	82	27.8			75	23.9	79	9	120					29.88	FM-15	0.00	29.88
17	1700	9																		NSRDB		
17	1753	C	FEW:02 49 BKN:07 59	9.94	HZ TS TS	78	25.6			73	22.8	85	6	190		5	+0.01	29.88	FM-15	0.00	29.89	
17	1803	3	FEW:02 46 FEW:02 59	6.00	HZ	79	26.1			73	22.8	84	3	VRB						FM-16		29.88
17	1853	C		5.97	HZ	80	26.7			73	22.8	79	6	250					29.87	FM-15	0.00	29.87
17	1900	9																		NSRDB		

17	1953	C		9.94		78	25.6			75	23.9	90	6	260				29.87	FM-15	0.00	29.87		
17	2000	9																	NSRDB				
17	2053	C		9.94		76	24.4			75	23.9	97	0	000			3	-0.01	29.89	FM-15	0.00	29.89	
17	2100	9																	NSRDB				
17	2153	C		9.94		77	25.0			75	23.9	94	6	260					29.90	FM-15	0.00	29.90	
17	2200	9																	NSRDB				
17	2253	C		6.96		77	25.0			75	23.9	94	0	000					29.89	FM-15	0.00	29.89	
17	2300	9																	NSRDB				
17	2353	C		9.94		77	25.0			75	23.9	94	3	290				8	0.00	29.88	FM-15	0.00	29.88

U.S. Department of Commerce
 National Oceanic & Atmospheric Administration
 National Environmental Satellite, Data, and Information Service

Local Climatological Data
Hourly Remarks
July 1997

National Centers for Environmental Information
 151 Patton Avenue
 Asheville, North Carolina 28801

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Date	Time (LST)	Remarks
17	0053	MET025NEW AO2 SLP147 T02440233;
17	0153	MET025NEW AO2 SLP144 T02390233;
17	0253	MET031NEW AO2 SLP141 T02440239 58005;
17	0353	MET025NEW AO2 SLP136 T02390233;
17	0453	MET025NEW AO2 SLP142 T02440239;
17	0553	MET049NEW AO2 SLP143 7//// T02500239 10256 20239 53002;
17	0653	MET025NEW AO2 SLP144 T02610244;
17	0753	MET025NEW AO2 SLP150 T02830244;
17	0853	MET031NEW AO2 SLP152 T02940250 53009;
17	0953	MET025NEW AO2 SLP149 T03060256;
17	1053	MET025NEW AO2 SLP148 T03170244;
17	1153	MET043NEW AO2 SLP142 T03280233 10328 20250 58010;
17	1253	MET032NEW AO2 SLP132 TCU ALQDS T033902
17	1353	MET032NEW AO2 SLP127 TCU ALQDS T033902
17	1453	MET041NEW AO2 SLP119 TCU ALQDS T03440239 56022;
17	1553	MET049NEW AO2 RAB10E19 SLP117 CU ALQDS P0000 T03170250;
17	1653	MET042NEW AO2 TSB42 SLP119 TS E MOV W T02780239;
17	1753	MET049NEW AO2 SLP120 60000 T02560228 10344 20256 55003;
17	1803	MET016NEW AO2 TSE2357;
17	1853	MET032NEW AO2 TSE2357 SLP116 T02670228
17	1953	MET025NEW AO2 SLP115 T02560239;
17	2053	MET031NEW AO2 SLP121 T02440239 53003;
17	2153	MET025NEW AO2 SLP125 T02500239;
17	2253	MET041NEW AO2 SLP121 FRQ LTG DSNT SE T02500239;
17	2353	MET053NEW AO2 SLP119 T02500239 10267 20244 403440239 58001;

Local Climatological Data Hourly Precipitation July 1997

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Station: **PORT ARTHUR SE TX REGIONAL AIRPORT, TX US WBAN: 72241012917 (KBPT)**

Date	For Hour (LST) Ending at																						Date			
	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	NOON	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM		11 PM	MID	
01																							M		01	
02																										02
03																										03
04																										04
05																										05
06																							T			06
07											0.13	0.10					T									07
08											0.10	0.11	T		0.10	0.15										08
09								0.01																		09
10									M																	10
11																									M	11
12																										12
13															0.57	0.59	0.01			M						13
14															M		0.72	0.72								14
15																										15
16			0.01																							16
17																	T									17
18																					0.82	1.84	0.07			18
19																										19
20																										20
21																					0.12					21
22						M																				22
23							M															0.78	T			23
24																										24
25																T										25
26																										26
27																										27
28						M									0.10	0.04										28
29																						0.18				29
30											0.02	0.02	T	T	T									M		30
31																M	0.20	0.02							0.01	31

Maximum Short Duration Precipitation

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (inches)	0.39	0.71	0.97	1.13	1.39	1.99	2.34	2.71	2.73	2.73	2.73	2.73
Ending Date Time (yyyy-mm-dd hh:mi)	1997-07-18 19:54	1997-07-18 19:56	1997-07-18 19:57	1997-07-18 20:00	1997-07-18 20:10	1997-07-18 20:28	1997-07-18 20:40	1997-07-18 20:59	1997-07-18 21:05	1997-07-18 21:05	1997-07-18 21:05	1997-07-18 21:05

Hourly, daily, and monthly totals on the Daily Summary page and the Hourly Precipitation Table are shown as reported by the instrumentation at the site. However, NWS does not edit hourly values for its ASOS sites, but may edit the daily and monthly totals for selected sites which will be reflected on the Daily Summary page.

T = Trace
 s = Suspect
 * = Erroneous
 blank = No precipitation observed
 M = Missing