

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				Minimum				Date		Time		24-Hr...				Snow Depth	
								30.17				29.83				18		1715		2.73		Snowfall			
																				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
16	0053	C		9.94		77	25.0			75	23.9	94	0	000				30.00	FM-15	0.00	30.01	
16	0100	9																	NSRDB			
16	0153	C		9.94		77	25.0			75	23.9	94	3	010				30.00	FM-15	0.00	30.01	
16	0200	9																	NSRDB			
16	0253	C		9.94		77	25.0			76	24.4	96	6	350		3	-0.01	30.01	FM-15	0.01	30.01	
16	0300	9																	NSRDB			
16	0353	C		9.94		77	25.0			76	24.4	96	3	360				30.01	FM-15	0.00	30.01	
16	0400	9																	NSRDB			
16	0453	C		9.94		77	25.0			76	24.4	96	5	010				30.01	FM-15	0.00	30.01	
16	0500	9																	NSRDB			
16	0553	C		9.94		77	25.0			76	24.4	96	6	010		3	-0.02	30.03	FM-15	0.00	30.03	
16	0600	9																	NSRDB			
16	0653	C		9.94		80	26.7			77	25.0	90	7	010				30.03	FM-15	0.00	30.03	
16	0700	9																	NSRDB			
16	0753	C		9.94		83	28.3			78	25.6	85	10	020				30.05	FM-15	0.00	30.05	
16	0800	9																	NSRDB			
16	0853	C	FEW:02 27	9.94		86	30.0			77	25.0	75	10	010		0	-0.02	30.04	FM-15	0.00	30.05	
16	0900	9																	NSRDB			
16	0953	C		9.94		87	30.6			76	24.4	70	7	030				30.04	FM-15	0.00	30.04	
16	1000	9																	NSRDB			
16	1053	C	FEW:02 35	9.94		89	31.7			76	24.4	65	6	040				30.04	FM-15	0.00	30.04	
16	1100	9																	NSRDB			
16	1153	C	FEW:02 40	6.96		90	32.2			75	23.9	62	9	030		8	+0.03	30.02	FM-15	0.00	30.02	
16	1200	9																	NSRDB			
16	1253	C	FEW:02 40	6.96		91	32.8			75	23.9	59	6	VRB				30.00	FM-15	0.00	30.00	
16	1300	9																	NSRDB			
16	1353	C	FEW:02 48	6.96		93	33.9			75	23.9	56	9	060				29.98	FM-15	0.00	29.98	
16	1400	9																	NSRDB			
16	1453	C	BKN:07 48	6.96		91	32.8			74	23.3	57	7	VRB		6	+0.05	29.96	FM-15	0.00	29.97	
16	1500	9																	NSRDB			
16	1553	C	FEW:02 49	8.95		91	32.8			76	24.4	61	10	110				29.95	FM-15	0.00	29.95	
16	1600	9																	NSRDB			
16	1653	C		9.94		91	32.8			75	23.9	59	12	110				29.94	FM-15	0.00	29.95	
16	1700	9																	NSRDB			
16	1753	C		6.96		90	32.2			73	22.8	58	9	100		6	+0.02	29.94	FM-15	0.00	29.95	
16	1800	9																	NSRDB			
16	1853	C		9.94		84	28.9			77	25.0	80	5	150				29.95	FM-15	0.00	29.96	
16	1900	9																	NSRDB			
16	1953	C		9.94		80	26.7			77	25.0	90	0	000				29.95	FM-15	0.00	29.96	
16	2000	9																	NSRDB			

16	2053	C		9.94		82	27.8			77	25.0	85	0	000			3	-0.03	29.97	FM-15	0.00	29.98		
16	2100	9																		NSRDB				
16	2153	C		9.94		80	26.7			75	23.9	85	0	000					29.97	FM-15	0.00	29.97		
16	2200	9																		NSRDB				
16	2253	C		9.94		80	26.7			73	22.8	79	0	000					29.97	FM-15	0.00	29.97		
16	2300	9																		NSRDB				
16	2353	C		9.94		77	25.0			75	23.9	94	0	000					8	+0.01	29.96	FM-15	0.00	29.96

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

Date	Time (LST)	Remarks
16	0053	MET025NEW AO2 SLP160 T02500239;
16	0153	MET025NEW AO2 SLP160 T02500239;
16	0253	MET052NEW AO2 RAB08E21 SLP162 P0001 60001 T02500244 53002;
16	0353	MET025NEW AO2 SLP161 T02500244;
16	0453	MET025NEW AO2 SLP162 T02500244;
16	0553	MET055NEW AO2 SLP169 60001 70001 T02500244 10272 20244 53006;
16	0653	MET025NEW AO2 SLP169 T02670250;
16	0753	MET025NEW AO2 SLP175 T02830256;
16	0853	MET037NEW AO2 SLP174 6//// T03000250 50006;
16	0953	MET025NEW AO2 SLP173 T03060244;
16	1053	MET025NEW AO2 SLP172 T03170244;
16	1153	MET049NEW AO2 SLP165 6//// T03220239 10328 20250 58009;
16	1253	MET025NEW AO2 SLP159 T03280239;
16	1353	MET025NEW AO2 SLP153 T03390239;
16	1453	MET031NEW AO2 SLP147 T03280233 56018;
16	1553	MET025NEW AO2 SLP143 T03280244;
16	1653	MET025NEW AO2 SLP140 T03280239;
16	1753	MET043NEW AO2 SLP140 T03220228 10339 20317 56008;
16	1853	MET025NEW AO2 SLP143 T02890250;
16	1953	MET025NEW AO2 SLP143 T02670250;
16	2053	MET031NEW AO2 SLP150 T02780250 53010;
16	2153	MET025NEW AO2 SLP149 T02670239;
16	2253	MET025NEW AO2 SLP149 T02670228;
16	2353	MET053NEW AO2 SLP146 T02500239 10322 20250 403390244 58003;

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