

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				
	92.9	74.7	83.8										7.69			29.94	30.00	5.4								
	1.2	0.5	0.8										1.74s													
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		30.17		Date		Time		24-Hr...				Snow Depth						
								Minimum		29.83		18		1715		Precip		Snowfall		Date						
																2.73				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
18	0053	C		6.96		76	24.4			75	23.9	97	5	320				29.87	FM-15	0.00	29.87	
18	0100	9																	NSRDB			
18	0153	C		5.97	FG	77	25.0			75	23.9	94	3	010				29.88	FM-15	0.00	29.88	
18	0200	9																	NSRDB			
18	0253	C		5.97	FG	75	23.9			74	23.3	96	3	360		3	0.00	29.88	FM-15	0.00	29.89	
18	0300	9																	NSRDB			
18	0353	C	FEW:02 20	7.95		76	24.4			74	23.3	94	5	020				29.89	FM-15	0.00	29.89	
18	0400	9																	NSRDB			
18	0453	C	FEW:02 20	5.97	FG	75	23.9			74	23.3	96	3	360				29.90	FM-15	0.00	29.90	
18	0500	9																	NSRDB			
18	0553	C		2.98	FG	75	23.9			74	23.3	96	0	000		3	-0.03	29.91	FM-15	0.00	29.91	
18	0600	9																	NSRDB			
18	0653	C		2.98	FG	79	26.1			76	24.4	90	3	360				29.91	FM-15	0.00	29.92	
18	0700	9																	NSRDB			
18	0753	C		4.97	HZ	83	28.3			76	24.4	79	8	300				29.93	FM-15	0.00	29.94	
18	0800	9																	NSRDB			
18	0853	C		6.96		86	30.0			76	24.4	72	8	300		3	-0.04	29.95	FM-15	0.00	29.95	
18	0900	9																	NSRDB			
18	0953	C		9.94		87	30.6			74	23.3	65	6	290				29.95	FM-15	0.00	29.95	
18	1000	9																	NSRDB			
18	1053	C	FEW:02 46	9.94		89	31.7			74	23.3	61	0	000				29.94	FM-15	0.00	29.95	
18	1100	9																	NSRDB			
18	1153	C	FEW:02 41 BKN:07 49	9.94		90	32.2			74	23.3	59	0	000		8	+0.02	29.93	FM-15	0.00	29.93	
18	1200	9																	NSRDB			
18	1253	C	FEW:02 41	9.94		91	32.8			74	23.3	57	7	VRB				29.91	FM-15	0.00	29.91	
18	1300	9																	NSRDB			
18	1353	C	FEW:02 49 FEW:02 69	9.94		93	33.9			74	23.3	54	7	350				29.89	FM-15	0.00	29.90	
18	1400	9																	NSRDB			
18	1453	C	FEW:02 59	9.94		91	32.8			74	23.3	57	3	VRB		8	+0.06	29.87	FM-15	0.00	29.87	
18	1500	9																	NSRDB			
18	1553	C	FEW:02 49	5.97	HZ	92	33.3			76	24.4	60	7	210				29.86	FM-15	0.00	29.86	
18	1600	9																	NSRDB			
18	1653	C	FEW:02 30 FEW:02 49	5.97	HZ	89	31.7			77	25.0	68	12	200				29.84	FM-15	0.00	29.84	
18	1700	9																	NSRDB			
18	1753	C	FEW:02 69	5.97	HZ TS TS	88	31.1			78	25.6	73	12	210		5	+0.03	29.85	FM-15	0.00	29.85	
18	1800	9																	NSRDB			
18	1853	C	FEW:02 49	9.94	HZ TS TS	86	30.0			76	24.4	72	7	210				29.87	FM-15	0.00	29.88	
18	1900	9																	NSRDB			

18	1953	4	FEW:02 2 BKN:07 27 OVC:08 40	2.00	HZ SHRA TS	77	25.0			75	23.9	94	11	050					29.92	FM-15	0.82	29.92
18	2000	3	BKN:07 2 BKN:07 27 OVC:08 32	1.99	HZ SHRA TS	77	25.0			76	24.4	96	12	050					29.92	FM-15	0.82	29.92
18	2007	4	BKN:07 4 OVC:08 27	2.00	HZ TS	75	23.9			75	23.9	100	11	130						FM-16		29.91
18	2014	4	OVC:08 6	2.00	HZ TS	75	23.9			73	22.8	94	13	150						FM-16		29.91
18	2024	4	FEW:02 1 OVC:08 6	1.25	HZ TS	75	23.9			73	22.8	94	0	000						FM-16		29.93
18	2038	4	FEW:02 1 OVC:08 6	2.00	HZ TS	73	22.8			73	22.8	100	9	180						FM-16		29.91
18	2053	C	OVC:08 8	1.74	HZ SHRA TS	74	23.3			73	22.8	97	10	200			0	-0.06	29.89	FM-15	1.84	29.90
18	2110	3	FEW:02 10 OVC:08 89	10.00	SHRA TS	75	23.9			73	22.8	94	8	250						FM-16		29.90
18	2113	4	FEW:02 6 OVC:08 89	10.00	RA	75	23.9			73	22.8	94	10	250						FM-16		29.90
18	2153	C	OVC:08 108	9.94		76	24.4			75	23.9	97	6	230					29.91	FM-15	0.07	29.91
18	2200	9																		NSRDB		
18	2253	C		8.95		78	25.6			76	24.4	93	0	000					29.91	FM-15	0.00	29.92
18	2300	9																		NSRDB		
18	2353	C		5.97	FG	78	25.6			77	25.0	97	0	000			0	-0.01	29.91	FM-15	0.00	29.92

Local Climatological Data
Hourly Remarks
July 1997

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

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

Date	Time (LST)	Remarks
18	0053	MET025NEW AO2 SLP115 T02440239;
18	0153	MET025NEW AO2 SLP117 T02500239;
18	0253	MET044NEW AO2 SLP120 FRQ LTG DSNT SE T02390233 530
18	0353	MET051NEW AO2 SLP121 CONS LTG DSNT S CB DSNT S T02440233;
18	0453	MET051NEW AO2 SLP125 CONS LTG DSNT S CB DSNT S T02390233;
18	0553	MET055NEW AO2 SLP129 6//// 7//// T02390233 10250 20233 53009;
18	0653	MET025NEW AO2 SLP130 T02610244;
18	0753	MET025NEW AO2 SLP136 T02830244;
18	0853	MET031NEW AO2 SLP141 T03000244 53014;
18	0953	MET025NEW AO2 SLP142 T03060233;
18	1053	MET025NEW AO2 SLP140 T03170233;
18	1153	MET043NEW AO2 SLP135 T03220233 10328 20239 58006;
18	1253	MET025NEW AO2 SLP129 T03280233;
18	1353	MET025NEW AO2 SLP123 T03390233;
18	1453	MET031NEW AO2 SLP116 T03280233 58019;
18	1553	MET025NEW AO2 SLP111 T03330244;
18	1653	MET025NEW AO2 SLP105 T03170250;
18	1753	MET049NEW AO2 TSB49 SLP108 T03110256 10344 20311 55010;
18	1853	MET032NEW AO2 PRESRR SLP116 T03000244;
18	1953	MET056NEW AO2 RAB25 PRESRR SLP131 TS OVHD MOV SE P0082 T025002
18	2000	MET020NEW AO2 PRESRR P0014
18	2007	MET020NEW AO2 PRESRR P0050
18	2014	MET032NEW AO2 WSHFT 0157 PRESRR P0068;
18	2024	MET032NEW AO2 WSHFT 0157 PRESRR P0106;
18	2038	MET032NEW AO2 WSHFT 0157 PRESRR P0153;
18	2053	MET061NEW AO2 WSHFT 0157 PRESRR SLP123 P0184 60264 T02330228 50020;
18	2110	MET014NEW AO2 P0007;
18	2113	MET020NEW AO2 TSE13 P0007;
18	2153	MET042NEW AO2 TSE13RAE22 SLP128 P0007 T02440239;
18	2253	MET025NEW AO2 SLP130 T02560244;
18	2353	MET056NEW AO2 SLP130 60273 T02560250 10311 20228 403440228 500

Local Climatological Data Hourly Precipitation 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	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