U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service
Current Location: Elev: 44 ft. Lat: 29.6381° N Lon: -95.2819° W
Station: **HOUSTON WILLIAM P HOBBY AIRPORT, TX US 12918**

Local Climatological Data
Daily Summary
April 2017

Generated on 08/22/2018

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

Date	Temperature (F)							Degree Days (base 65F)		Sun (LST)		Weather	Precipitation (in)			Pressure (inHg)		Wind	Maximum Wind Speed = MPH / Direction = Degrees			
	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	79	65	72	5.4	76	64	67	0	7	0611	1840		0.00			29.82	29.89	10.8	28	140	21	130
02	82	71	77	10.2	73	62	67	0	12	0610	1840	RA BR	0.05			29.84	29.84	9.5	27	150	21	150
03	86	58	72	4.9	58	55	62	0	7	0609	1841		0.00			29.89	29.76	9.4	27	300	22	300
04	85	61	73	5.7	70	62	66	0	8	0607	1841	FG	0.00			29.66	29.79	7.8	26	160	20	150
05	74	60	67	-0.5	46	46	57	0	2	0606	1842	RA BR	0.01			29.97	29.99	14.8	34	340	26	330
06	79	50*	64	-3.7	44	41	54	1	0	0605	1843		0.00			30.14	30.19	3.6	19	010	16	360
07	80	53	67	-0.9	55	48	56	0	2	0604	1843		0.00			30.11	30.19	5.2	20	170	14	180
08	80	57	69	0.9	63	55	61	0	4	0603	1844		0.00			29.98	30.07	10.0	26	170	20	160
09	81	62	72	3.7	70	61	65	0	7	0602	1844	RA	T			29.91	29.98	10.6	28	160	20	160
10	80	71	76	7.5	81	68	70	0	11	0601	1845		0.01			29.98	30.03	9.7	24	160	17	160
11	79	61	70	1.2	87	64	66	0	5	0559	1846	TS RA BR	1.26			30.06	30.13	7.4	52	360	38	010
12	78	62	70	1.0	89	66	67	0	5	0558	1846	RA BR	0.42			30.09	30.16	6.9	22	080	16	130
13	80	65	73	3.8	77	64	67	0	8	0557	1847	FG MIFG	0.00			30.09	30.16	6.8	21	130	16	120
14	81	63	72	2.6	78	64	67	0	7	0556	1847		0.00			30.02	30.10	7.3	22	110	17	110
15	81	64	73	3.3	76	64	67	0	8	0555	1848	MIFG FG	0.00			30.00	30.07	6.2	24	150	17	170
16	83	69	76	6.1	80	68	70	0	11	0554	1849		0.01			29.98	30.05	7.8	25	140	18	160
17	83	68	75	4.9	79	67	69	0	10	0553	1849	TS RA FG	0.01			29.95	30.02	7.2	26	240	21	250
18	75	67	71	0.6	87	66	68	0	6	0552	1850	TS RA BR	0.93			29.96	30.02	5.4	19	100	13	110
19	82	68	75	4.4	83	68	70	0	10	0551	1850	RA BR	0.28			29.98	30.05	7.0	24	180	17	160
20	85	69	77	6.2	77	68	71	0	12	0550	1851		0.00			29.95	30.02	6.6	19	180	14	170
21	84	69	77	5.9	80	69	71	0	12	0549	1852		T			29.91	29.99	8.0	24	190	18	170
22	83	60	72	0.7	73	62	66	0	7	0548	1852	RA	T			29.90	29.94	11.3	32	340	26	350
23	73	54	64	-7.6	52	46	55	1	0	0547	1853		0.00			29.96	30.04	13.0	32	340	26	340
24	79	54	66	-5.8	59	51	58	0	1	0546	1853		0.00			29.80	29.90	5.9	22	180	16	170
25	83	63	73	0.9	77	66	68	0	8	0545	1854		T			29.58	29.67	11.6	31	160	21	180
26	91*	65	78	5.7	66	65	70	0	13	0544	1855	RA HZ	T			29.54	29.60	14.0	32	190	24	350
27	79	55	67	-5.6	64	56	61	0	2	0543	1855		0.00			29.68	29.76	9.7	24	020	20	020
28	87	74	81	8.2	81	73	75	0	16	0542	1856	BR	0.00			29.62	29.68	13.0	29	180	21	160
29	83	69	76	2.9	82	74	76	0	11	0541	1857	HZ	T			29.62	29.67	17.1	41	170	26	310
30	76	59	67	-6.3	46	46	56	0	2	0540	1857		T			29.85	29.90	11.1	33	320	25	320
	81.0	62.9	72.0									Monthly Averages | Totals	2.98			29.88	29.95	9.2				
	2.2	2.0	2.2									Departure from Normal (1981-2010)	-0.27									

Degree Days

	Monthly		Season-to-date	
	Total	Departure	Total	Departure
Heating	2	-26	551	
Cooling	211	38	557	

Number of days with...

	Temperature				Precipitation		Snow	Weather	
	Max		Min						
	>=90°	<=32°	<=32°	<=0°	>=0.01"	>=0.1"	>=1"	T-Storms	Heavy Fog
	1	0	0	0	9	4	0		

Date of 5-sec to 3-sec wind equipment change	Sea Level Pressure			Greatest...		
		Date	Time	24-Hr...		Snow Depth
2007-06-27	Maximum 30.29	06	1012	Precip	Snowfall	
	Minimum 29.52	26	1721	1.26		
				Date		
				11-11		

Station Augmentation

Name:N/A Lat: N/A Lon: N/A Elevation: N/A Distance: N/A Elements: N/A Equipment: N/A

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Current Location: Elev: 44 ft. Lat: 29.6381° N Lon: -95.2819° W
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Local Climatological Data
Hourly Precipitation
April 2017

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

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																									01
02				T	0.01						0.04	T		T	T	T									02
03																									03
04																									04
05			T	0.01		T																			05
06																									06
07																									07
08																									08
09																							T	T	09
10									T				T	0.01			T								10
11												0.01	0.72	0.12	0.07	0.19	0.15	T							11
12													T	0.10	0.27	0.05	T								12
13																									13
14																									14
15																									15
16										0.01															16
17																				T	0.01	T	T	T	17
18	0.07	0.02	0.04	T		0.12	0.13	0.24	0.25	0.06															18
19								0.07	0.19	T	0.02	T													19
20																									20
21													T	T											21
22																								T	22
23																									23
24																									24
25																					T				25
26										T	T	T	T												26
27																									27
28																									28
29																							T	T	29
30	T																								30

Maximum Short Duration Precipitation

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (inches)	0.19	0.28	0.39	0.52	0.66	0.73	0.75	0.83	0.84	0.85	0.90	0.97
Ending Date Time (yyyy-mm-dd hh:mi)	2017-04-11 12:28	2017-04-11 12:33	2017-04-11 12:38	2017-04-11 12:43	2017-04-11 12:53	2017-04-11 13:01	2017-04-11 13:21	2017-04-11 13:40	2017-04-11 13:57	2017-04-11 14:23	2017-04-11 14:52	2017-04-11 15:19

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