

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
DECEMBER 2017

WBAN # 12960

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	0.00	0.00		
03											T	0.10	03	0.15			T	T	0.07	0.21	0.02			T	T	03	0.55	0.55	
04	T	T											04	0.14	T		T	0.15						T	T	04	0.29	0.29	
05													05												T		05	T	T
06	T	T	0.05	0.04	T	T	T	0.01	0.02	0.01	0.06	0.03	06	0.01	0.02	0.02	0.02	T	T	T	T	0.01	0.01	T	0.01	06	0.32	0.32	
07	T	T	T	0.02	0.05	0.06	0.03	0.02	0.04	0.07	0.04	0.06	07	0.05	0.05	0.04	0.01	0.02	T	0.01			T	T	T	0.01	07	0.58	0.58
08	0.01	T	0.01	0.03	0.01								08													08	0.06	0.06	
09													09													09	0.00	0.00	
10													10													10	0.00	0.00	
11													11													11	0.00	0.00	
12													12													12	0.00	0.00	
13													13													13	0.00	0.00	
14													14													14	0.00	0.00	
15													15													15	0.00	0.00	
16													16					T	T	0.01	0.07	0.49	0.25		16	0.82	0.82		
17													17													17	0.00	0.00	
18													18					T	T	0.04	T	T			18	0.04	0.04		
19					0.01	T							19	T	T			T	T					0.74	19	0.75	0.75		
20	0.01												20												20	0.01	0.01		
21													21													21	0.00	0.00	
22	T							T	T	T			22			T	0.01	0.02	T	0.04	T	T	T	T	22	0.07	0.07		
23	T												23													23	T	T	
24													24													24	0.00	0.00	
25													25													25	0.00	0.00	
26			T	T	T				0.01		T		26		T	0.08					T	0.01	T	T	26	0.10	0.10		
27	T	0.03	0.03	0.02	T	0.02	T	T	T	T			27		T	0.01	0.01	T							27	0.12	0.12		
28													28			T									28	T	T		
29													29												29	0.00	0.00		
30					T	T			T	T			30												30	T	T		
31	T	0.01	T					T	T				31												31	0.01	0.01		

* 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)	0.29	0.43	0.56	0.68	0.74	0.74	0.74	0.75	0.76	0.79	0.81	0.82
Ending Date	19	19	19	19	19	19	19	20	16	16	16	16
Ending Time (Hr/Min)	2320	2324	2329	2329	2331	2331	2331	0007	2225	2240	2240	2240

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	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy '' = Moderate '-' = Light

HOUSTON, TX DECEMBER 2017

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:

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	7.00	10.00
02	1.50	10.00
03	0.75	10.00
04	0.75	10.00
05	4.00	10.00
06	6.00	10.00
07	1.50	10.00
08	1.00	10.00
09	2.00	10.00
10	9.00	10.00
11	10.00	10.00
12	10.00	10.00
13	10.00	10.00
14	10.00	10.00
15	10.00	10.00
16	1.50	10.00
17	0.00	10.00
18	0.00	10.00
19	0.00	10.00
20	0.00	10.00
21	4.00	10.00
22	5.00	10.00
23	10.00	10.00
24	8.00	10.00
25	9.00	10.00
26	3.00	10.00
27	2.00	10.00
28	7.00	10.00
29	10.00	10.00
30	0.25	10.00
31	2.00	10.00
AVGS	4.69	10.00
MINIMUM VISIBILITY (MILES)		
	<= .25	<= 3.0 >= 7.0
5	15	12

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

DECEMBER 2017

KIAH

WBAN # 12960

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: 0660					DEC 01					SUNSET: 1721					SUNRISE: 0704					DEC 07					SUNSET: 1722				
03	CLR	NC	10.00		52	46	49	80	3	36	30.06	30.17	03	OVC	110	10.00	-RA	43	39	41	86	10	36	30.18	30.29				
06	CLR	NC	10.00		47	46	47	97	0	00	30.06	30.18	06	OVC	042	10.00	-RA	43	40	42	89	11	03	30.19	30.30				
09	FEW	250	10.00		58	52	55	81	3	04	30.11	30.22	09	OVC	045	7.00	-RA	45	40	43	83	6	04	30.22	30.33				
12	FEW	250	10.00		71	51	60	49	3	VR	30.06	30.18	12	OVC	036	5.00	RA	46	41	44	83	9	35	30.19	30.32				
15	FEW	250	10.00		75	51	61	43	3	VR	29.98	30.09	15	OVC	035	7.00	-RA	46	43	45	89	10	02	30.14	30.25				
18	BKN	250	10.00		62	53	57	73	5	15	29.98	30.11	18	OVC	070	7.00	-RA	43	39	41	86	11	02	30.14	30.26				
21	SCT	250	10.00		55	51	53	87	3	17	30.03	30.14	21	OVC	090	10.00	-RA	38	34	36	86	17	35	30.19	30.31				
24	SCT	250	7.00		53	51	52	93	0	00	30.03	30.14	24	OVC	014	1.50	-SN BR	34	32	33	92	17	33	30.21	30.32				
SUNRISE: 0700					DEC 02					SUNSET: 1721					SUNRISE: 0705					DEC 08					SUNSET: 1722				
03	FEW	250	5.00	MIFG BR	52	52	52	100	0	00	30.00	30.11	03	OVC	075	5.00	-SN BR	33	31	32	92	8	34	30.19	30.30				
06	SCT	250	1.50	MIFG BR	50	50	50	100	0	00	30.01	30.12	06	OVC	140	10.00		33	30	32	89	3	27	30.14	30.26				
09	SCT	250	4.00	BR	59	58	58	96	0	00	30.06	30.17	09	OVC	130	10.00		36	29	33	76	8	31	30.16	30.28				
12	BKN	250	10.00		74	57	64	56	5	09	30.05	30.16	12	BKN	160	10.00		39	24	33	55	10	34	30.13	30.24				
15	BKN	250	10.00		78	54	64	43	6	11	29.97	30.08	15	SCT	200	10.00		43	23	35	45	8	36	30.06	30.17				
18	BKN	250	10.00		69	58	62	68	6	15	29.98	30.10	18	FEW	250	10.00		35	30	33	82	0	00	30.06	30.17				
21	BKN	250	6.00	BR	64	60	62	87	5	16	30.03	30.14	21	FEW	190	10.00		33	31	32	92	0	00	30.11	30.23				
24	BKN	250	2.00	BR	57	57	57	100	0	00	30.03	30.13	24	CLR	NC	10.00		30	29	30	96	0	00	30.11	30.22				
SUNRISE: 0701					DEC 03					SUNSET: 1721					SUNRISE: 0706					DEC 09					SUNSET: 1722				
03	BKN	250	1.50	BR	57	57	57	100	0	00	29.98	30.09	03	CLR	NC	10.00		31	30	31	96	0	00	30.10	30.21				
06	BKN	250	1.50	BR	57	57	57	100	3	04	30.00	30.11	06	CLR	NC	8.00		31	30	31	96	0	00	30.10	30.22				
09	BKN	120	1.00		61	61	61	100	5	07	30.03	30.14	09	CLR	NC	10.00		41	36	39	82	3	28	30.14	30.27				
12	BKN	038	2.00	+RA BR	66	65	65	96	7	09	30.00	30.11	12	CLR	NC	10.00		56	36	47	47	8	30	30.14	30.26				
15	OVC	006	1.50	BR	68	67	67	96	9	06	29.92	30.03	15	CLR	NC	10.00		61	33	48	35	13	30	30.11	30.23				
18	OVC	100	3.00	RA BR	68	68	68	100	8	11	29.92	30.02	18	CLR	NC	10.00		49	38	44	66	0	00	30.14	30.26				
21	BKN	130	7.00		68	67	67	96	14	14	29.93	30.03	21	CLR	NC	10.00		43	40	42	89	0	00	30.21	30.32				
24	BKN	120	10.00	-RA	68	67	67	96	11	14	29.91	30.02	24	CLR	NC	10.00		40	37	39	89	0	00	30.26	30.37				
SUNRISE: 0702					DEC 04					SUNSET: 1721					SUNRISE: 0706					DEC 10					SUNSET: 1722				
03	BKN	170	10.00		68	66	67	93	6	15	29.86	29.97	03	CLR	NC	10.00		41	34	38	76	0	00	30.27	30.38				
06	FEW	180	7.00		69	68	68	96	6	17	29.85	29.96	06	FEW	250	9.00		35	34	35	96	0	00	30.27	30.39				
09	SCT	200	10.00		73	70	71	90	8	16	29.88	29.99	09	FEW	250	10.00		47	37	43	69	0	00	30.34	30.45				
12	BKN	090	10.00		81	69	73	67	11	18	29.85	29.96	12	SCT	250	10.00		60	30	47	32	6	26	30.32	30.43				
15	BKN	100	10.00		80	69	73	69	11	17	29.79	29.90	15	SCT	250	10.00		64	31	49	29	6	25	30.26	30.37				
18	BKN	095	10.00		73	72	72	96	14	16	29.80	29.91	18	FEW	250	10.00		55	36	46	49	3	22	30.24	30.36				
21	BKN	040	10.00		71	70	70	96	6	14	29.84	29.95	21	SCT	250	10.00		50	36	44	59	5	21	30.27	30.38				
24	BKN	065	10.00		72	71	71	97	5	17	29.87	29.98	24	FEW	250	10.00		47	37	43	69	3	22	30.24	30.35				
SUNRISE: 0703					DEC 05					SUNSET: 1722					SUNRISE: 0707					DEC 11					SUNSET: 1722				
03	SCT	070	8.00	MIFG	68	68	68	100	3	18	29.88	29.99	03	CLR	NC	10.00		44	36	41	73	3	25	30.22	30.33				
06	BKN	060	6.00	BR	68	68	68	100	0	00	29.90	30.01	06	CLR	NC	10.00		44	36	41	73	6	23	30.21	30.32				
09	BKN	250	7.00		73	71	72	94	3	VR	29.96	30.07	09	BKN	250	10.00		51	39	45	64	5	27	30.21	30.32				
12	OVC	006	10.00		63	61	62	93	14	34	30.01	30.12	12	FEW	250	10.00		69	36	53	30	3	VR	30.16	30.27				
15	OVC	014	10.00		58	53	55	84	17	01	30.03	30.14	15	SCT	250	10.00		75	27	53	17	6	VR	30.06	30.17				
18	OVC	060	10.00		56	46	51	70	16	01	30.09	30.20	18	SCT	250	10.00		64	32	49	30	3	22	30.06	30.17				
21	OVC	038	10.00		55	39	47	55	16	02	30.11	30.22	21	BKN	250	10.00		60	38	49	44	5	22	30.08	30.19				
24	OVC	055	10.00		54	40	47	59	9	03	30.11	30.23	24	SCT	250	10.00		56	43	50	62	7	25	30.06	30.18				
SUNRISE: 0703					DEC 06					SUNSET: 1722					SUNRISE: 0708					DEC 12					SUNSET: 1723				
03	OVC	090	6.00	RA	48	42	45	80	6	02	30.14	30.25	03	FEW	250	10.00		51	39	45	64	8	29	30.08	30.18				
06	OVC	070	10.00	-RA	48	39	44	71	11	03	30.13	30.24	06	FEW	250	10.00		49	33	42	55	5	32	30.14	30.25				
09	OVC	075	10.00	-RA	45	42	44	90	11	04	30.19	30.30	09	FEW	250	10.00		54	31	44	42	15	36	30.21	30.32				
12	OVC	095	7.00	-RA	45	42	44	90	11	01	30.22	30.34	12	FEW	250	10.00		62	32	48	32	11	34	30.19	30.31				
15	OVC	100	10.00	-RA	43	40	42	89	15	01	30.19	30.31	15	FEW	250	10.00		63	29	48	28	11	35	30.13	30.24				
18	OVC	090	10.00	-RA	42	39	41	89	11	02	30.19	30.30	18	FEW	250	10.00		54	30	44	40	7	32	30.13	30.24				
21	OVC	070	10.00		42	40	41	92	10	01	30.22	30.33	21	CLR	NC	10.00		49	30	41	48	3	25	30.14	30.26				
24	OVC	070	10.00	-DZ	43	41	42	93	8	35	30.22	30.33	24	CLR	NC	10.00		41	33	38	73	5	23	30.13	30.24				

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

DECEMBER 2017

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0708					DEC 13				SUNSET: 1723				SUNRISE: 0712					DEC 19				SUNSET: 1725			
03	CLR	NC	10.00		37	32	35	82	0	00	30.09	30.20	03	VV	002	0.00	FG	67	67	67	100	3	03	30.00	30.11
06	FEW	250	10.00		33	32	33	96	0	00	30.06	30.17	06	OVC	002	0.00	FG	66	66	66	100	3	01	30.00	30.11
09	BKN	250	10.00		44	37	41	76	3	27	30.08	30.19	09	OVC	002	0.00	BR	70	70	70	100	13	14	30.00	30.11
12	OVC	250	10.00		56	29	44	36	9	23	30.05	30.16	12	BKN	038	10.00		76	71	73	85	14	19	29.96	30.06
15	BKN	250	10.00		58	31	46	36	5	23	29.95	30.06	15	BKN	250	10.00		79	69	72	72	11	17	29.87	29.98
18	BKN	250	10.00		53	34	44	48	0	00	29.91	30.02	18	SCT	250	10.00		75	69	71	82	10	18	29.85	29.96
21	OVC	250	10.00		51	37	45	59	3	21	29.88	29.99	21	BKN	035	10.00	-RA	74	70	71	88	8	20	29.86	29.97
24	OVC	250	10.00		47	39	43	74	0	00	29.85	29.96	24	OVC	023	10.00	-TSRA	72	71	71	97	11	29	29.85	29.96
SUNRISE: 0709					DEC 14				SUNSET: 1723				SUNRISE: 0712					DEC 20				SUNSET: 1726			
03	BKN	250	10.00		43	40	42	89	0	00	29.83	29.94	03	BKN	065	10.00		67	66	66	97	3	25	29.86	29.97
06	SCT	250	10.00		45	40	43	83	0	00	29.84	29.95	06	SCT	250	10.00		63	62	62	97	5	25	29.88	29.99
09	OVC	230	10.00		52	45	49	77	0	00	29.88	29.99	09	SCT	250	10.00		66	57	61	73	9	30	29.93	30.04
12	OVC	240	10.00		61	45	53	56	5	22	29.88	29.99	12	SCT	250	10.00		73	53	61	50	0	00	29.92	30.02
15	OVC	250	10.00		64	38	51	38	5	25	29.85	29.96	15	FEW	250	10.00		77	46	60	33	5	VR	29.85	29.95
18	OVC	240	10.00		57	45	51	64	3	30	29.89	30.00	18	FEW	250	10.00		64	53	58	68	0	00	29.85	29.95
21	OVC	250	10.00		54	45	49	72	6	35	29.96	30.06	21	CLR	NC	10.00		63	52	57	68	6	21	29.85	29.96
24	OVC	200	10.00		53	43	48	69	14	36	30.01	30.12	24	CLR	NC	10.00		56	52	54	87	3	21	29.85	29.96
SUNRISE: 0710					DEC 15				SUNSET: 1724				SUNRISE: 0713					DEC 21				SUNSET: 1726			
03	OVC	250	10.00		52	34	44	50	15	36	30.05	30.16	03	CLR	NC	10.00		50	49	49	96	0	00	29.84	29.95
06	OVC	120	10.00		49	33	42	55	11	36	30.08	30.19	06	CLR	NC	10.00		50	49	49	96	3	16	29.84	29.95
09	OVC	250	10.00		48	34	42	58	9	01	30.16	30.28	09	OVC	035	10.00		59	54	56	83	5	17	29.86	29.97
12	OVC	250	10.00		53	35	45	51	9	04	30.19	30.31	12	BKN	250	4.00	HZ	76	67	70	74	8	21	29.84	29.95
15	BKN	250	10.00		56	33	46	42	7	02	30.14	30.25	15	OVC	043	7.00		79	68	72	69	11	19	29.77	29.88
18	BKN	250	10.00		50	39	45	66	3	18	30.14	30.25	18	BKN	250	8.00		76	70	72	82	10	16	29.77	29.88
21	OVC	180	10.00		47	38	43	71	5	19	30.18	30.29	21	OVC	020	6.00	BR	74	71	72	91	11	16	29.80	29.91
24	BKN	250	10.00		43	39	41	86	0	00	30.16	30.27	24	OVC	025	10.00		74	70	71	88	10	17	29.81	29.92
SUNRISE: 0710					DEC 16				SUNSET: 1724				SUNRISE: 0713					DEC 22				SUNSET: 1727			
03	BKN	250	10.00		42	40	41	92	0	00	30.14	30.24	03	OVC	032	10.00		73	70	71	90	11	17	29.80	29.91
06	OVC	085	10.00		47	43	45	86	3	01	30.11	30.22	06	OVC	035	10.00		73	70	71	90	10	18	29.81	29.91
09	OVC	100	10.00		49	42	46	77	5	07	30.11	30.22	09	BKN	032	7.00		74	71	72	91	9	18	29.86	29.97
12	BKN	200	10.00		57	37	48	47	11	09	30.05	30.16	12	BKN	250	10.00		80	68	72	67	16	18	29.82	29.93
15	OVC	250	10.00		58	33	47	39	15	11	29.95	30.06	15	OVC	060	10.00		79	68	72	69	14	18	29.79	29.89
18	OVC	024	10.00	-RA	55	37	47	51	11	09	29.91	30.02	18	OVC	065	10.00		76	70	72	82	6	18	29.80	29.91
21	OVC	013	5.00	RA BR	52	49	50	89	14	11	29.83	29.94	21	OVC	005	5.00	-RA BR	52	52	52	100	18	31	29.92	30.03
24	OVC	045	10.00		48	47	48	96	10	34	29.92	30.03	24	OVC	012	10.00		45	42	44	90	14	32	30.02	30.13
SUNRISE: 0711					DEC 17				SUNSET: 1724				SUNRISE: 0714					DEC 23				SUNSET: 1727			
03	OVC	015	10.00		48	47	48	96	5	02	29.92	30.03	03	OVC	050	10.00		45	40	43	83	13	32	30.06	30.16
06	OVC	011	10.00		49	48	48	97	3	05	29.96	30.07	06	SCT	060	10.00		44	34	40	68	14	34	30.10	30.21
09	OVC	002	0.12	FG	49	49	49	100	0	00	30.00	30.11	09	BKN	240	10.00		45	33	40	63	11	34	30.14	30.26
12	OVC	004	1.50	BR	54	52	53	93	0	00	29.98	30.10	12	BKN	250	10.00		54	36	46	51	10	34	30.13	30.24
15	OVC	250	10.00		60	53	56	78	0	00	29.96	30.07	15	BKN	250	10.00		54	37	46	53	7	28	30.08	30.19
18	OVC	250	10.00		58	54	56	87	6	VR	29.95	30.06	18	BKN	250	10.00		51	38	45	61	3	30	30.06	30.17
21	BKN	230	7.00		52	52	52	100	3	01	30.00	30.11	21	BKN	250	10.00		43	40	42	89	0	00	30.06	30.19
24	OVC	021	7.00		56	54	55	93	3	08	30.02	30.13	24	SCT	250	10.00		41	39	40	93	0	00	30.06	30.18
SUNRISE: 0711					DEC 18				SUNSET: 1725				SUNRISE: 0714					DEC 24				SUNSET: 1728			
03	OVC	017	8.00		57	55	56	93	3	35	30.01	30.12	03	FEW	250	10.00		39	38	39	96	0	00	30.05	30.16
06	OVC	018	10.00		57	55	56	93	7	35	30.03	30.14	06	FEW	250	10.00		39	37	38	93	0	00	30.03	30.15
09	OVC	027	10.00		59	55	57	87	7	01	30.08	30.19	09	BKN	250	9.00		49	45	47	86	3	17	30.06	30.18
12	BKN	140	10.00		67	59	62	76	7	06	30.05	30.16	12	BKN	250	10.00		65	42	53	43	9	25	30.08	30.19
15	OVC	014	10.00		67	62	64	84	8	10	30.01	30.12	15	BKN	250	10.00		66	42	54	42	13	35	30.08	30.19
18	OVC	110	6.00	-RA BR	65	64	64	97	8	11	30.03	30.14	18	BKN	250	10.00		54	43	49	67	21	02	30.19	30.30
21	OVC	003	3.00	BR	67	67	67	100	9	10	30.01	30.12	21	SCT	250	10.00		46	39	43	77	9	02	30.29	30.41
24	VV	002	0.00	FG	67	67	67	100	3	16	30.02	30.13	24	SCT	250	8.00		43	38	41	82	7	35	30.32	30.43

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

DECEMBER 2017

KIAH

WBAN # 12960

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: 0715 DEC 25 SUNSET: 1728												
03	SCT	250	9.00		39	36	38	89	6	02	30.29	30.41
06	FEW	250	10.00		36	34	35	93	3	01	30.29	30.42
09	SCT	250	10.00		40	33	37	77	11	06	30.32	30.43
12	SCT	250	10.00		49	31	41	50	10	07	30.27	30.39
15	BKN	250	10.00		54	36	46	51	11	13	30.19	30.30
18	OVC	025	10.00		51	40	46	66	11	12	30.14	30.26
21	OVC	021	10.00		50	38	44	63	9	10	30.16	30.27
24	OVC	017	10.00		50	38	44	63	9	08	30.10	30.21
SUNRISE: 0715 DEC 26 SUNSET: 1729												
03	OVC	013	10.00		50	38	44	63	13	06	30.10	30.21
06	OVC	013	10.00		49	38	44	66	13	07	30.08	30.19
09	OVC	014	10.00		48	39	44	71	10	07	30.11	30.22
12	OVC	013	10.00		50	42	46	74	9	05	30.11	30.23
15	OVC	008	4.00	-RA BR	48	47	48	96	8	05	30.06	30.18
18	OVC	006	10.00		48	47	48	96	11	04	30.10	30.21
21	OVC	005	4.00	-RA BR	49	48	48	97	8	04	30.14	30.26
24	OVC	005	10.00		48	47	48	96	13	04	30.16	30.29
SUNRISE: 0716 DEC 27 SUNSET: 1729												
03	OVC	020	5.00	-RA BR	44	43	44	96	14	01	30.21	30.32
06	OVC	007	4.00	-RA BR	42	41	42	96	11	02	30.24	30.36
09	OVC	006	7.00		42	40	41	92	14	02	30.32	30.43
12	OVC	008	7.00		42	39	41	89	20	03	30.32	30.43
15	OVC	012	2.00	-RA BR	41	40	41	96	11	01	30.27	30.39
18	OVC	025	7.00		42	40	41	92	7	01	30.30	30.42
21	OVC	026	10.00		42	37	40	82	8	04	30.32	30.43
24	OVC	017	10.00		41	36	39	82	9	05	30.32	30.42
SUNRISE: 0716 DEC 28 SUNSET: 1730												
03	OVC	012	8.00		39	37	38	93	9	05	30.29	30.41
06	OVC	040	10.00		39	36	38	89	7	06	30.27	30.40
09	OVC	008	10.00		39	36	38	89	8	05	30.32	30.43
12	OVC	050	10.00		42	36	39	79	6	03	30.32	30.42
15	OVC	055	10.00		43	38	41	82	11	01	30.24	30.35
18	OVC	075	10.00		44	38	41	79	7	03	30.24	30.36
21	OVC	019	10.00		43	37	40	80	8	03	30.27	30.39
24	OVC	042	10.00		42	34	39	73	9	05	30.29	30.40
SUNRISE: 0716 DEC 29 SUNSET: 1731												
03	OVC	040	10.00		43	34	39	71	9	03	30.27	30.38
06	OVC	036	10.00		43	33	39	68	9	04	30.27	30.39
09	BKN	065	10.00		44	34	40	68	7	07	30.27	30.39
12	OVC	042	10.00		51	36	44	56	6	14	30.24	30.35
15	OVC	036	10.00		53	38	46	57	7	12	30.14	30.26
18	OVC	047	10.00		53	41	47	64	7	15	30.14	30.25
21	OVC	028	10.00		52	44	48	75	7	16	30.11	30.23
24	OVC	012	10.00		52	44	48	75	5	10	30.10	30.21
SUNRISE: 0717 DEC 30 SUNSET: 1731												
03	OVC	008	10.00		52	46	49	80	6	10	30.05	30.16
06	OVC	006	8.00		54	48	51	80	6	02	30.03	30.14
09	OVC	006	9.00		55	51	53	87	5	08	30.03	30.15
12	OVC	008	6.00	BR	56	53	54	90	7	02	30.03	30.15
15	OVC	005	2.00	BR	56	53	54	90	8	02	29.98	30.09
18	OVC	004	0.25	BR	53	52	52	96	8	36	30.00	30.11
21	OVC	004	0.75	BR	51	50	50	96	8	01	30.03	30.15
24	OVC	005	7.00		51	49	50	92	8	01	30.03	30.15

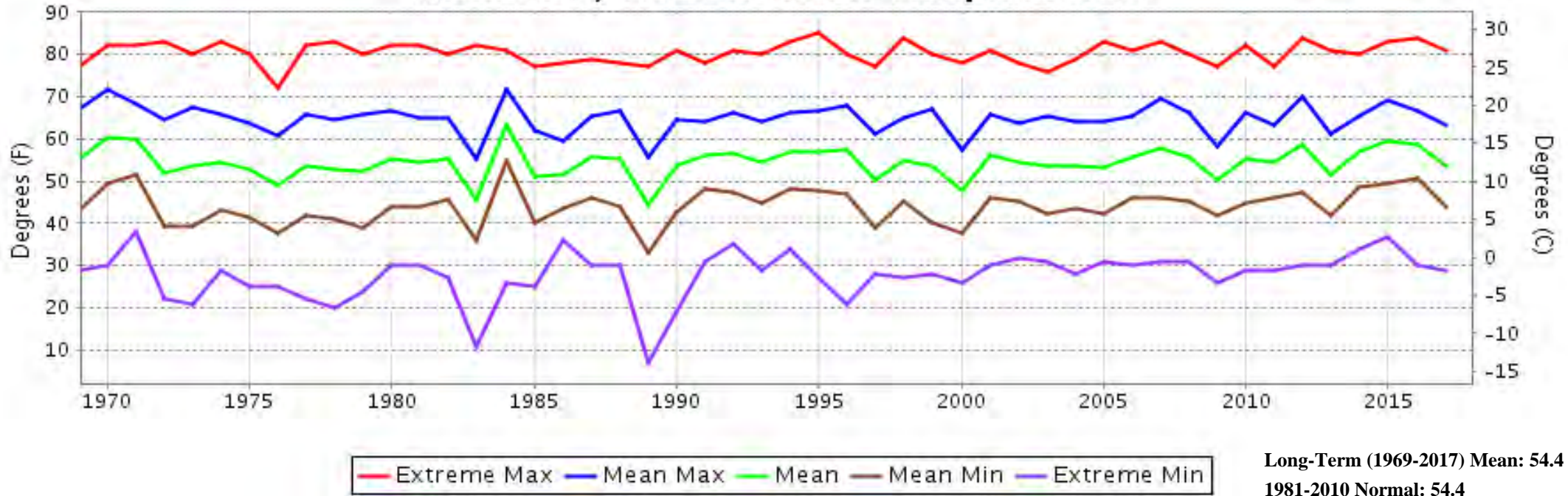
HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0717 DEC 31 SUNSET: 1732												
03	OVC	012	5.00	BR	49	47	48	93	9	35	30.03	30.15
06	OVC	006	6.00	BR	47	46	47	97	10	01	30.06	30.17
09	OVC	014	2.50	BR	47	46	47	97	13	01	30.16	30.28
12	OVC	019	10.00		48	44	46	86	18	02	30.21	30.32
15	SCT	035	10.00		50	39	45	66	13	04	30.19	30.30
18	OVC	045	10.00		47	38	43	71	14	01	30.26	30.37
21	OVC	050	10.00		42	34	39	73	20	02	30.37	30.48
24	OVC	050	10.00		39	29	35	67	14	03	30.42	30.53

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.

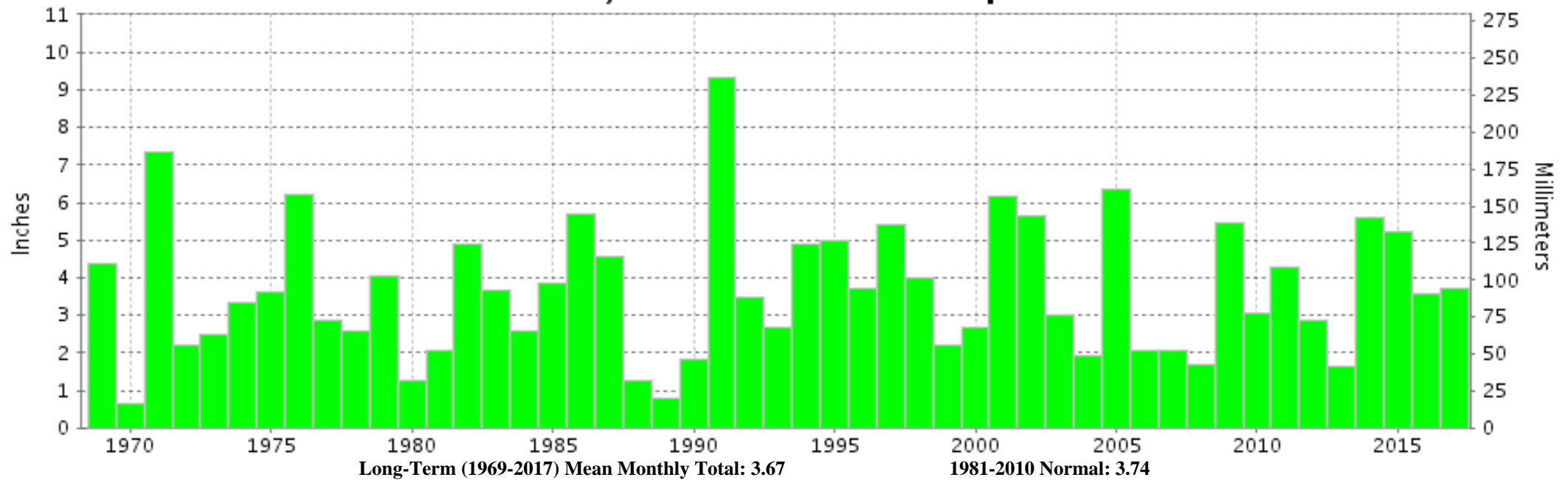
SUMMARY BY HOUR

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	50	46	48	85	30.06	30.17	8.79	6	4	01
02	49	45	48	87	30.06	30.17	8.55	6	3	01
03	49	45	47	87	30.06	30.17	8.40	5	4	01
04	49	45	47	88	30.06	30.17	8.31	5	4	01
05	49	45	47	87	30.06	30.17	8.44	5	4	01
06	48	44	47	87	30.06	30.18	8.42	5	4	02
07	48	44	47	87	30.08	30.19	8.52	5	4	02
08	49	45	48	87	30.09	30.21	7.69	5	4	02
09	52	46	50	81	30.10	30.22	8.18	7	4	03
10	55	47	51	75	30.12	30.23	8.19	8	4	03
11	57	46	52	69	30.11	30.23	8.77	8	3	02
12	59	46	53	64	30.09	30.20	8.79	9	3	02
13	60	45	53	62	30.06	30.17	9.19	9	3	01
14	61	45	53	60	30.04	30.15	8.87	9	3	03
15	61	45	53	60	30.03	30.14	8.82	9	3	03
16	61	45	53	61	30.03	30.14	8.94	10	3	02
17	59	46	52	65	30.04	30.15	8.78	8	3	03
18	56	47	52	73	30.04	30.15	9.07	7	4	04
19	55	47	51	76	30.05	30.17	9.29	8	4	05
20	53	47	50	79	30.06	30.17	8.85	8	4	04
21	53	46	50	81	30.07	30.18	8.51	8	3	03
22	52	46	49	82	30.08	30.19	8.53	9	3	36
23	51	46	48	84	30.08	30.19	8.73	7	3	01
24	50	46	48	85	30.08	30.19	8.79	7	3	01

HOUSTON, TX DECEMBER Temperatures



HOUSTON, TX DECEMBER Precipitation





DECEMBER 2017

HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

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 Centers for Environmental Information (NCEI), Asheville, North Carolina 28801.

A handwritten signature in black ink that reads "Mary A. Wohlgemuth".

DIRECTOR

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