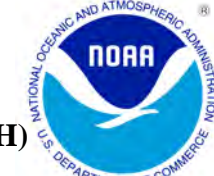




NOVEMBER 2012 LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

HOUSTON, TX
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)
Lat:29° 58'N Long: 95° 21'W Elev (Ground) 95 Feet
Time Zone : CENTRAL WBAN: 12960 ISSN#: 0198-5094



Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0600 LST 11	1200 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			3-SEC		2-MIN			
01	87*	60	74	9	63	67	0	9	MIFG BR	0		0.0	0.00	29.90	30.02	2.3	23	3.1	15	26	12	28	01	
02	86	64	75*	10	64	68	0	10	BCFG	0		0.0	0.00	29.89	30.01	4.4	18	6.2	21	13	17	14	02	
03	84	61	73	8	64	66	0	8	TS TSRA RA BCFG BR	0		0.0	0.43	29.93	30.05	1.7	15	4.6	29	17	21	19	03	
04	83	60	72	8	63	65	0	7		0		0.0	0.00	29.94	30.05	2.0	01	3.4	14	06	9	35	04	
05	85	61	73	9	63	66	0	8	RA FG+ BCFG BR	0		0.0	0.05	29.88	30.01	3.0	32	4.2	20	02	14	34	05	
06	75	53	64	0	44	53	1	0		0		0.0	0.00	29.98	30.10	3.8	33	4.3	20	03	13	31	06	
07	82	50	66	3	45	54	0	1		0		0.0	0.00	30.00	30.11	0.1	15	2.2	18	28	8	05	07	
08	79	51	65	2	54	59	0	0		0		0.0	0.00	30.01	30.12	8.6	13	8.8	26	13	21	13	08	
09	82	58	70	7	60	64	0	5		0		0.0	0.00	29.98	30.09	10.1	15	10.3	35	14	24	15	09	
10	83	58	71	8	61	65	0	6		0		0.0	0.00	29.90	30.03	10.4	16	10.6	30	16	23	16	10	
11	83	59	71	9	66	69	0	6	RA BR	0		0.0	0.04	29.88	29.97	8.1	17	11.1	32	33	28*	33	11	
12	67	45	56	-6	41	50	9	0	RA	0		0.0	0.04	30.24	30.33	11.1	01	11.4	29	03	23	36	12	
13	61	40	51*	-10	33	43	14	0	RA	0		0.0	0.01	30.27	30.39	6.1	03	6.8	20	09	16	05	13	
14	67	46	57	-4	32	44	8	0		0		0.0	0.00	30.22	30.35	4.7	03	5.4	15	03	12	02	14	
15	69	38	54	-7	34	44	11	0		0		0.0	0.00	30.16	30.28	2.6	04	3.5	14	08	10	06	15	
16	68	42	55	-6	35	46	10	0		0		0.0	0.00	30.20	30.32	4.8	02	5.5	18	03	14	03	16	
17	71	38*	55	-5	37	45	10	0		0		0.0	0.00	30.21	30.33	1.5	08	2.0	13	11	9	10	17	
18	73	39	56	-4	41	49	9	0		0		0.0	0.00	30.15	30.28	1.6	13	3.2	15	14	13	14	18	
19	75	45	60	0	48	53	5	0	MIFG	0		0.0	0.00	30.10	30.23	1.2	15	1.7	9	17	8	16	19	
20	79	49	64	4	55	58	1	0	FG MIFG BR	0		0.0	0.00	30.06	30.18	0.6	25	1.9	18	22	8	34	20	
21	83	52	68	9	53	58	0	3	BCFG	0		0.0	0.00	30.08	30.20	0.3	06	1.5	15	07	10	04	21	
22	77	50	64	5	55	59	1	0	BCFG	0		0.0	0.00	30.03	30.15	4.0	15	4.3	22	14	16	13	22	
23	78	53	66	7	58	61	0	1	RA BR HZ	0		0.0	0.02	30.14	30.23	5.4	36	6.6	31	02	24	36	23	
24	66	43	55	-4	31	43	10	0		0		0.0	0.00	30.16	30.28	5.2	02	5.8	23	01	18	01	24	
25	75	39	57	-1	49	53	8	0		0		0.0	0.00	29.93	30.07	5.4	14	5.5	20	15	16	11	25	
26	84	58	71	13	63	66	0	6	TS TSRA RA FG MIFG BCFG BR	0		0.0	0.06	29.88	30.00	4.4	21	5.5	37*	31	25	35	26	
27	63	47	55	-3	49	52	10	0	RA	0		0.0	T	30.17	30.25	10.2	34	10.6	28	34	21	35	27	
28	67	40	54	-3	41	47	11	0		0		0.0	0.00	30.24	30.35	2.2	07	2.9	26	20	9	06	28	
29	71	39	55	-2	49	52	10	0	FG+ BR	0		0.0	0.00	30.11	30.24	4.4	12	5.4	17	12	14	14	29	
30	78	55	67	10	61	63	0	2	RA BR	0		0.0	T	30.02	30.15	8.3	13	8.5	23	14	20	13	30	

76.0	49.8	62.9	☼	50.4	56.1	4.3	2.4	< MONTHLY AVERAGES TOTALS >				0.0	0.65	30.06	30.17	1.3	10	5.6	< MONTHLY AVERAGES			
3.5	-2.3	0.6		-----DEPARTURE FROM NORMAL -----								-3.69	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

DEGREE DAYS				GREATEST 24-HR PRECIPITATION : 0.43 DATE : 03				SEA LEVEL PRESSURE				DATE TIME			
MONTHLY				SEASON TO DATE				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.49 13 0853			
TOTAL DEPARTURE				TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.90 11 1442			
HEATING :		128	-27	168	-17	NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH : 7			
COOLING :		72	-2	3501	373			MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 1			
								THUNDERSTORMS : 2		HEAVY FOG : 2		SNOWFALL >= 1.0 INCH : 0			

NOVEMBER 2012
HOUSTON, TX

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
NOVEMBER 2012

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													03	0.02	0.19	T	0.22	T	T					03	0.43	0.43		
04													04											04	0.00	0.00		
05													05		0.05	T	T							05	0.05	0.05		
06													06											06	0.00	0.00		
07													07											07	0.00	0.00		
08													08											08	0.00	0.00		
09													09											09	0.00	0.00		
10													10											10	0.00	0.00		
11													11											11	0.04	0.04		
12	0.04	T			T					0.03	T		12										0.01	T	12	0.04	0.04	
13													13											0.01		13	0.01	0.01
14													14													14	0.00	0.00
15													15													15	0.00	0.00
16													16												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21													21												21	0.00	0.00	
22													22												22	0.00	0.00	
23													23												23	0.02	0.02	
24												T	24												24	0.00	0.00	
25												0.02	25												25	0.00	0.00	
26													26												26	0.06	0.06	
27													27												27	T	T	
28													28												28	0.00	0.00	
29													29												29	0.00	0.00	
30													30												30	T	T	

* 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)	0.11	0.15	0.17	0.20	0.22	0.22	0.22	0.22	0.22	0.24	0.27	0.43
Ending Date	03	03	03	03	03	03	03	03	03	03	03	03
Ending Time (Hr/Min)	1404	1640	1640	1641	1641	1641	1641	1641	1641	1640	1641	1641

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.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1981-2010

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 NOVEMBER 2012

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).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. 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.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

ADDITIONAL NOTES:

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							8.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							9.00	10.00	
05							0.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							10.00	10.00	
10							10.00	10.00	
11							5.00	10.00	
12							10.00	10.00	
13							6.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							10.00	10.00	
17							9.00	10.00	
18							8.00	10.00	
19							7.00	10.00	
20							0.50	10.00	
21							5.00	10.00	
22							5.00	10.00	
23							2.50	10.00	
24							5.00	10.00	
25							10.00	10.00	
26							1.50	10.00	
27							7.00	10.00	
28							7.00	10.00	
29							6.00	10.00	
30							7.00	10.00	
MONTHLY AVGS							7.28	10.00	
SUNSHINE (Minutes)									
Total : 0					Possible : 19173				
Percent Possible : 0									
NUMBER OF DAYS WITH : SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
MINIMUM VISIBILITY (MILES)									
<= .25			<= 3.0				>= 7.0		
1			4				20		

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

NOVEMBER 2012

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)														
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION				SEA LEVEL	Observation Time (LST)			Eff Cld Amt Oktas	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL											
																												Observation Time (LST)	Eff Cld Amt Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL			
SUNRISE: 0635													NOV 01													SUNSET: 1735												
03	CLR	NC			10.00		61	60	60	97	0	00	29.91	30.02	03	CLR	NC			10.00		52	48	50	86	0	00	30.00	30.11									
06	CLR	NC			9.00		62	61	61	97	0	00	29.92	30.03	06	CLR	NC			10.00		51	47	49	86	0	00	30.02	30.13									
09	FEW	025			10.00		73	68	70	84	7	27	29.96	30.07	09	CLR	NC			10.00		65	47	55	52	5	VR	30.08	30.18									
12	SCT	031			10.00		81	64	70	56	7	25	29.93	30.04	12	CLR	NC			10.00		76	39	57	26	3	VR	30.03	30.14									
15	FEW	060			10.00		86	57	68	37	5	26	29.87	29.98	15	CLR	NC			10.00		81	36	58	20	6	28	29.96	30.07									
18	SCT	250			10.00		74	61	66	64	0	00	29.87	29.98	18	CLR	NC			10.00		69	43	55	39	3	VR	29.97	30.07									
21	FEW	250			10.00		74	65	68	74	6	19	29.91	30.02	21	CLR	NC			10.00		61	44	52	54	0	00	30.01	30.12									
24	CLR	NC			10.00		68	66	67	93	3	18	29.90	30.01	24	CLR	NC			10.00		55	51	53	86	0	00	30.02	30.12									
SUNRISE: 0636													NOV 02													SUNSET: 1734												
03	FEW	250			10.00	BCFG	65	64	64	97	3	20	29.89	29.99	03	CLR	NC			10.00		55	49	52	80	0	00	30.01	30.11									
06	FEW	250			10.00		68	67	67	97	5	23	29.90	30.01	06	CLR	NC			10.00		52	47	49	83	5	11	30.03	30.14									
09	SCT	250			10.00		74	68	70	82	6	23	29.94	30.05	09	CLR	NC			10.00		66	53	59	63	7	12	30.08	30.19									
12	SCT	043			10.00		82	62	69	51	8	24	29.92	30.03	12	CLR	NC			10.00		77	57	65	50	15	15	30.03	30.15									
15	SCT	065			10.00		85	55	67	36	9	17	29.85	29.96	15	FEW	045			10.00		77	58	65	52	18	13	29.98	30.09									
18	FEW	050			10.00		76	64	68	67	10	14	29.87	29.98	18	SCT	250			10.00		70	59	63	68	18	13	29.98	30.09									
21	CLR	NC			10.00		72	66	68	82	7	17	29.91	30.02	21	SCT	250			10.00		62	58	60	87	5	11	30.02	30.12									
24	CLR	NC			10.00		64	64	64	100	0	00	29.91	30.02	24	CLR	NC			10.00		60	58	59	93	3	16	30.00	30.11									
SUNRISE: 0637													NOV 03													SUNSET: 1733												
03	CLR	NC			10.00	BCFG	64	64	64	100	0	00	29.90	30.01	03	CLR	NC			10.00		63	59	61	87	0	00	29.98	30.09									
06	SCT	025			10.00	BCFG	65	65	65	100	0	00	29.94	30.04	06	CLR	NC			10.00		63	60	61	90	5	15	29.98	30.10									
09	FEW	040			10.00		76	67	70	74	7	16	29.98	30.09	09	FEW	035			10.00		73	63	67	71	18	16	30.01	30.12									
12	SCT	045			10.00		81	63	69	54	8	15	29.95	30.06	12	FEW	045			10.00		80	59	67	49	14	17	30.00	30.11									
15	OVC	100			10.00	RA	67	62	64	84	7	27	29.92	30.03	15	FEW	050			10.00		82	56	66	41	20	15	29.94	30.05									
18	BKN	130			10.00		67	65	66	93	5	05	29.95	30.05	18	FEW	040			10.00		72	62	66	71	10	12	29.96	30.06									
21	SCT	120			10.00		65	63	64	93	6	14	29.96	30.07	21	BKN	034			10.00		69	62	65	79	8	15	29.98	30.09									
24	SCT	120			10.00		62	61	61	97	0	00	29.94	30.05	24	CLR	NC			10.00		68	61	64	78	8	15	29.98	30.09									
SUNRISE: 0638													NOV 04													SUNSET: 1732												
03	CLR	NC			10.00		62	61	61	97	3	01	29.94	30.04	03	FEW	036			10.00		61	59	60	93	0	00	29.94	30.05									
06	SCT	025			10.00		62	61	61	97	3	33	29.96	30.07	06	SCT	040			10.00		61	60	60	97	0	00	29.94	30.05									
09	SCT	250			9.00		68	64	66	87	6	02	30.00	30.11	09	BKN	250			10.00		73	63	67	71	6	16	29.98	30.09									
12	SCT	250			10.00		78	64	69	62	7	03	29.97	30.08	12	SCT	250			10.00		80	58	66	47	18	17	29.94	30.05									
15	SCT	250			10.00		83	61	69	48	6	VR	29.90	30.01	15	BKN	250			10.00		81	59	67	47	20	16	29.87	29.98									
18	SCT	250			10.00		72	64	67	76	0	00	29.92	30.02	18	OVC	250			10.00		76	62	67	62	17	15	29.88	29.98									
21	CLR	NC			10.00		68	63	65	84	0	00	29.96	30.06	21	BKN	250			10.00		74	64	68	71	11	16	29.88	29.99									
24	BKN	047			10.00		68	65	66	90	3	21	29.95	30.05	24	BKN	250			10.00		74	66	69	76	13	16	29.86	29.96									
SUNRISE: 0638													NOV 05													SUNSET: 1732												
03	CLR	NC			10.00		63	63	63	100	0	00	29.93	30.03	03	BKN	250			10.00		75	66	69	74	14	17	29.81	29.91									
06	VV	002			0.00	FG	66	66	66	100	3	25	29.93	30.03	06	BKN	045			10.00		74	68	70	82	9	16	29.81	29.92									
09	OVC	004			1.00	BR	67	67	67	100	3	23	29.95	30.06	09	OVC	080		5.00	-RA BR	75	71	72	87	14	18	29.85	29.96										
12	FEW	032			10.00		81	65	71	58	8	31	29.91	30.01	12	BKN	250			10.00		81	67	72	63	16	19	29.84	29.95									
15	BKN	100			10.00		79	66	71	65	5	34	29.82	29.92	15	OVC	200			10.00		82	66	71	58	11	19	29.80	29.91									
18	BKN	250			10.00		78	65	70	64	6	31	29.83	29.93	18	OVC	090			10.00		79	67	71	67	7	18	29.85	29.96									
21	BKN	250			10.00		71	62	65	73	6	35	29.90	30.01	21	BKN	250			10.00		76	68	71	76	3	19	29.92	30.02									
24					10.00		61	56	58	84	3	30	29.92	30.03	24	OVC	037			10.00		59	54	56	84	9	35	30.03	30.15									
SUNRISE: 0639													NOV 06													SUNSET: 1731												
03	SCT	250			10.00		59	42	51	54	5	34	29.96	30.06	03	BKN	070			10.00		57	55	56	93	9	36	30.09	30.19									
06	CLR	NC			10.00		55	42	49	62	6	35	29.98	30.09	06	SCT	060			10.00		56	52	54	87	9	02	30.16	30.27									
09	FEW	250			10.00		60	43	51	54	7	03	30.03	30.15	09	SCT	090			10.00		55	48	51	77	15	01	30.27	30.39									
12	FEW	100			10.00		69	41	55	36	7	30	30.02	30.13	12	FEW	070			10.00		64	37	51	37	17	36	30.24	30.36									
15	CLR	NC			10.00		73	38	55	28	10	32	29.97	30.08	15	SCT	095			10.00		65	29	49	26	21	36	30.22	30.34									
18	CLR	NC			10.00		66	40	53	39	0	00	29.96	30.07	18	SCT	080			10.00		59	31	46	35	9	35	30.27	30.38									
21	CLR	NC			10.00		58	48	53	70	3	24	30.00	30.10	21	CLR	NC			10.00		51	34	43	52	7	01	30.32	30.44									
24	CLR	NC			10.00		53	48	50	83	0	00	30.00	30.11	24	CLR	NC			10.00		45	34	40	65	6	03	30.34	30.45									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX

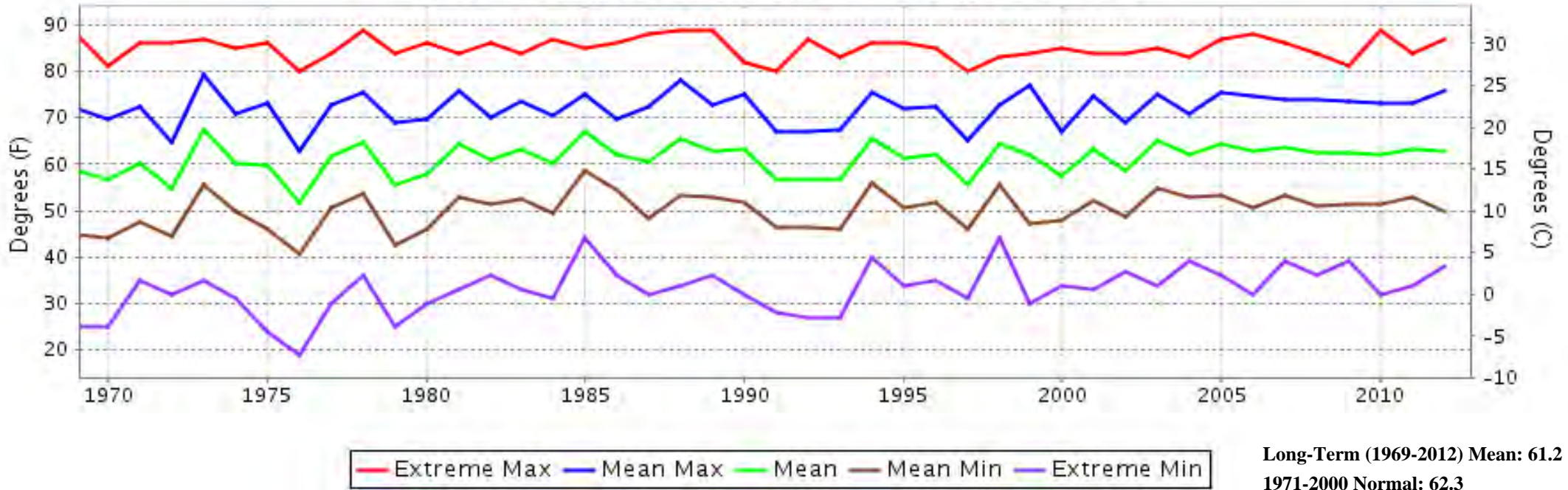
NOVEMBER 2012

KIAH

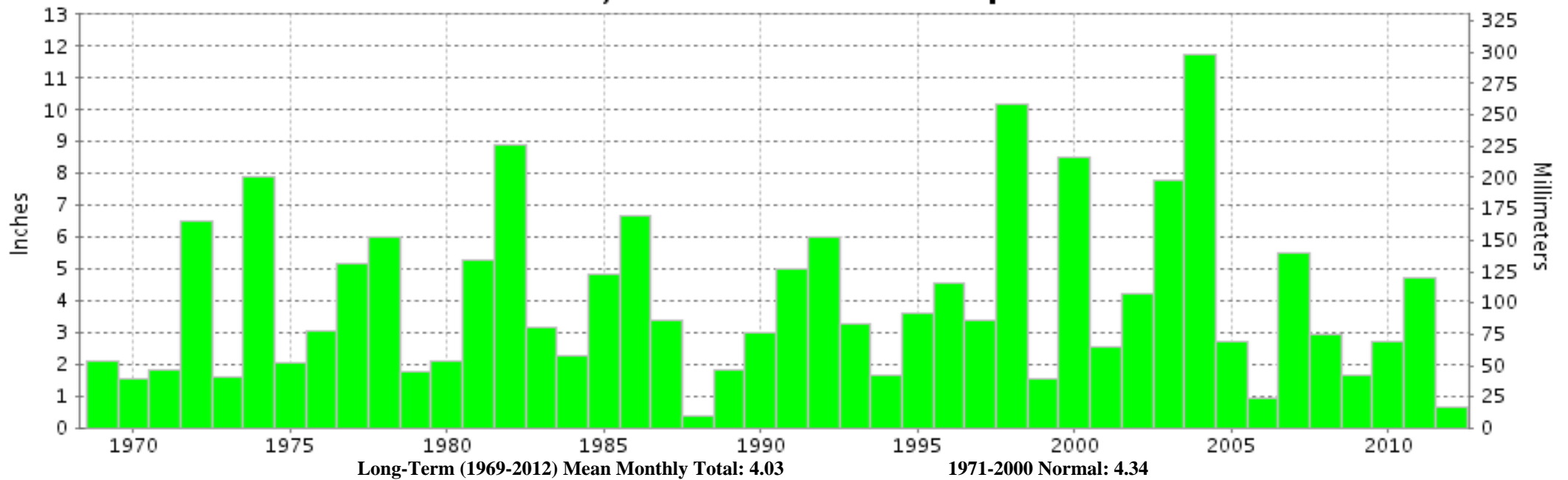
WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)							
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL					
																									Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT
SUNRISE: 0645						NOV 13						SUNSET: 1727																	
03	SCT	250			10.00	42	35	39	76	5	01	30.34	30.45	03	FEW	250			10.00	49	47	48	93	0	00	30.14	30.26		
06	FEW	250			10.00	40	34	38	79	5	02	30.34	30.45	06	FEW	250			10.00	47	45	46	93	0	00	30.14	30.25		
09	BKN	250			10.00	50	29	41	44	11	06	30.37	30.49	09	BKN	250			10.00	58	46	52	65	0	00	30.16	30.28		
12	BKN	250			10.00	59	27	45	29	10	06	30.30	30.42	12	BKN	250			10.00	70	47	57	44	0	00	30.14	30.25		
15	OVC	220			10.00	60	28	46	30	10	03	30.22	30.33	15	BKN	250			10.00	73	44	57	35	0	00	30.06	30.17		
18	OVC	250			10.00	56	33	46	42	7	35	30.22	30.34	18	BKN	250			10.00	66	52	58	61	7	16	30.06	30.18		
21	BKN	085			10.00	52	35	44	53	7	02	30.24	30.36	21	SCT	250			10.00	60	56	58	87	0	00	30.09	30.20		
24	OVC	110			10.00	50	39	45	66	3	01	30.27	30.38	24	SCT	250		7.00	MIFG	52	52	52	100	0	00	30.08	30.19		
SUNRISE: 0646						NOV 14						SUNRISE: 0651						NOV 19						SUNSET: 1724					
03	OVC	110			10.00	51	36	44	57	8	05	30.24	30.36	03	SCT	250		6.00	MIFG	50	50	50	100	0	00	30.06	30.18		
06	OVC	110			10.00	50	33	43	52	7	06	30.26	30.37	06	BKN	001		0.50	MIFG	51	51	51	100	0	00	30.06	30.17		
09	BKN	090			10.00	52	32	43	47	9	05	30.29	30.40	09	BKN	055		5.00	BR	60	58	59	93	0	00	30.11	30.23		
12	OVC	075			10.00	59	29	46	32	7	01	30.27	30.38	12	SCT	250		10.00		74	54	62	50	6	VR	30.09	30.19		
15	FEW	075			10.00	66	33	50	29	3	VR	30.18	30.29	15	FEW	050		10.00		79	55	65	44	3	VR	30.01	30.12		
18	FEW	070			10.00	59	29	46	32	8	04	30.16	30.28	18	SCT	250		10.00		68	56	61	66	0	00	30.03	30.14		
21	CLR	NC			10.00	50	34	43	54	0	00	30.21	30.32	21	FEW	250		10.00		64	57	60	78	7	20	30.08	30.19		
24	CLR	NC			10.00	47	34	41	61	0	00	30.19	30.31	24	FEW	250		10.00		57	54	55	90	0	00	30.09	30.19		
SUNRISE: 0646						NOV 15						SUNRISE: 0651						NOV 21						SUNSET: 1723					
03	FEW	250			10.00	43	35	40	73	0	00	30.16	30.28	03	FEW	250		8.00	BCFG	56	56	56	100	0	00	30.09	30.19		
06	CLR	NC			10.00	40	34	37	79	0	00	30.18	30.29	06	FEW	250		8.00	BCFG	55	55	55	100	0	00	30.10	30.21		
09	FEW	250			10.00	50	37	44	61	5	06	30.22	30.33	09	SCT	250		10.00		65	58	61	78	3	32	30.16	30.27		
12	FEW	250			10.00	62	33	49	34	6	VR	30.18	30.29	12	SCT	250		10.00		78	55	64	45	0	00	30.11	30.23		
15	FEW	250			10.00	68	28	50	22	5	08	30.11	30.22	15	BKN	250		10.00		80	47	61	31	0	00	30.05	30.15		
18	SCT	250			10.00	57	35	47	44	5	02	30.13	30.24	18	BKN	250		10.00		68	51	58	55	0	00	30.03	30.15		
21	SCT	250			10.00	56	36	47	47	3	02	30.18	30.29	21	BKN	250		10.00		62	51	56	67	0	00	30.09	30.19		
24	BKN	085			10.00	50	34	43	54	6	03	30.19	30.31	24	FEW	250		10.00		57	53	55	87	0	00	30.06	30.18		
SUNRISE: 0647						NOV 16						SUNRISE: 0652						NOV 22						SUNSET: 1723					
03	BKN	085			10.00	50	34	43	54	3	05	30.19	30.30	03	FEW	250		9.00	BCFG	53	52	52	96	0	00	30.05	30.15		
06	FEW	075			10.00	45	36	41	71	3	36	30.19	30.31	06	SCT	250		8.00	BCFG	51	51	51	100	0	00	30.06	30.17		
09	FEW	080			10.00	52	39	46	61	9	05	30.26	30.37	09	SCT	250		5.00	BCFG	63	60	61	90	0	00	30.10	30.20		
12	FEW	250			10.00	63	36	50	37	8	06	30.22	30.34	12	BKN	250		10.00		74	55	63	52	7	22	30.06	30.18		
15	FEW	250			10.00	68	30	50	24	6	01	30.16	30.27	15	BKN	250		10.00		75	57	64	54	10	15	30.00	30.11		
18	FEW	250			10.00	60	35	48	39	7	35	30.18	30.29	18	SCT	250		10.00		68	57	62	68	9	13	30.00	30.11		
21	FEW	250			10.00	52	35	44	53	6	VR	30.22	30.33	21	FEW	250		10.00		63	58	60	84	6	16	30.03	30.15		
24	FEW	250			10.00	47	36	42	66	0	00	30.22	30.35	24	FEW	250		8.00		58	58	58	100	0	00	30.05	30.15		
SUNRISE: 0648						NOV 17						SUNRISE: 0653						NOV 23						SUNSET: 1723					
03	FEW	250			10.00	45	36	41	71	0	00	30.22	30.34	03	SCT	250		6.00	BR	58	57	57	97	0	00	30.05	30.16		
06	FEW	250			10.00	39	36	38	89	0	00	30.22	30.33	06	OVC	060		8.00		62	60	61	93	0	00	30.06	30.18		
09	SCT	250			10.00	52	38	46	59	6	05	30.27	30.39	09	BKN	250		10.00		69	62	65	79	0	00	30.11	30.23		
12	FEW	250			10.00	65	35	51	33	8	08	30.24	30.37	12	BKN	100		10.00		76	60	66	58	7	28	30.11	30.23		
15	FEW	250			10.00	69	33	52	26	6	07	30.18	30.29	15	OVC	085		10.00		73	63	67	71	14	35	30.09	30.20		
18	FEW	250			10.00	57	39	48	51	0	00	30.18	30.29	18	OVC	037		10.00		68	58	62	71	13	03	30.14	30.25		
21	FEW	250			10.00	48	39	44	71	0	00	30.19	30.31	21	OVC	040		10.00		62	55	58	78	13	01	30.21	30.32		
24	CLR	NC			10.00	47	41	44	80	0	00	30.19	30.31	24	OVC	043		10.00		61	47	54	60	10	36	30.22	30.34		
SUNRISE: 0649						NOV 18						SUNRISE: 0654						NOV 24						SUNSET: 1722					
03	CLR	NC			10.00	43	40	42	89	0	00	30.19	30.30	03	SCT	250		10.00		53	31	43	43	9	01	30.22	30.34		
06	FEW	250			9.00	42	38	40	86	3	35	30.18	30.29	06	FEW	250		10.00		47	28	39	48	9	02	30.24	30.36		
09	FEW	250			10.00	52	40	46	64	3	06	30.22	30.33	09	FEW	250		10.00		50	28	41	43	11	04	30.29	30.40		
12	FEW	250			10.00	69	39	54	34	6	VR	30.18	30.28	12	FEW	250		10.00		58	28	45	32	5	VR	30.22	30.34		
15	FEW	250			10.00	72	40	55	31	8	13	30.11	30.22	15	FEW	250		10.00		65	26	48	23	6	01	30.11	30.22		
18	FEW	250			10.00	63	42	52	46	5	17	30.11	30.23	18	FEW	250		10.00		53	31	43	43	0	00	30.11	30.22		
21	FEW	250			10.00	54	47	50	77	0	00	30.16	30.28	21	CLR	NC		10.00		45	31	39	58	0	00	30.10	30.21		
24	CLR	NC			10.00	49	47	48	93	0	00	30.14	30.26	24	CLR	NC		10.00		44	33	39	65	0	00	30.06	30.18		

HOUSTON, TX NOVEMBER Temperatures



HOUSTON, TX NOVEMBER Precipitation





**NOVEMBER 2012
HOUSTON, TX**

**LOCAL CLIMATOLOGICAL DATA
NOAA, National Climatic Data Center**

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 Climatic Data Center (NCDC), Asheville, North Carolina 28801.

A handwritten signature in black ink, appearing to read "Thomas R. Karl".

DIRECTOR

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