

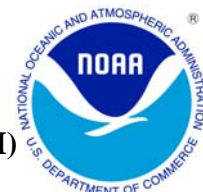


JULY 2007

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

HOUSTON, TX
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)
 Lat:29° 59'N Long: 95° 21'W Elev (Ground) 94 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	1200 LST	2400 LST	2400 LST	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM					
																			5-SEC		2-MIN			
01	84	74	79	-4	73	75	0	14	RA BR	0		0.0	0.40	29.89	30.01	3.6	16	4.3	21	18	17	17	01	
02	84	73	79	-4	73	74	0	14	TS TSRA RA BR	0		0.0	1.26	29.92	30.03	6.0	15	6.7	31	16	24	16	02	
03	87	75	81	-2	72	74	0	16		0		0.0	0.00	29.88	29.99	7.7	14	8.9	22	15	20	15	03	
04	82	74	78*	-5	72	73	0	13	RA BR	0		0.0	0.27	29.85	29.97	8.4	11	8.6	21	10	17	12	04	
05	86	72	79	-4	73	75	0	14	RA BR	0		0.0	1.18	29.86	29.97	6.6	15	6.9	21	15	18	14	05	
06	84	74	79	-4	74	76	0	14	TS TSRA RA BR	0		0.0	0.73	29.88	29.99	3.2	21	4.0	22	19	17	18	06	
07	92	75	84	1	74	76	0	19	TS TSRA RA	0		0.0	0.01	29.87	29.98	1.4	27	3.3	17	20	14	20	07	
08	93	75	84	1	74	77	0	19	RA BR	0		0.0	0.04	29.80	29.92	4.5	18	5.1	20	18	15	19	08	
09	94	78	86	3	74	78	0	21	RA	0		0.0	T	29.82	29.92	8.1	17	8.2	20	16	16	16	09	
10	96	80	88*	5	74	77	0	23		0		0.0	0.00	29.86	29.97	7.4	18	7.6	17	16	13	19	10	
11	96	76	86	3	73	77	0	21	TS	0		0.0	0.00	29.95	30.05	2.5	20	4.3	16	14	14	15	11	
12	96	77	87	4	73	77	0	22	TS TSRA RA	0		0.0	0.29	29.93	30.04	2.0	19	4.6	21	19	17	07	12	
13	94	75	85	2	74	77	0	20		0		0.0	0.00	29.87	30.00	4.7	21	6.1	18	27	14	10	13	
14	88	73	81	-2	74	77	0	16	TS TSRA RA BR HZ	0		0.0	1.06	29.80	29.94	2.5	23	6.2	30	01	26	01	14	
15	87	74	81	-3	73	75	0	16	TSRA RA BR	0		0.0	0.42	29.80	29.92	1.1	23	3.9	21	31	16	30	15	
16	89	73	81	-3	71	74	0	16	TS TSRA RA BR	0		0.0	0.05	29.85	29.95	3.0	17	3.6	22	15	17	17	16	
17	90	73	82	-2	72	74	0	17	TS TSRA RA BR	0		0.0	0.20	29.91	30.03	3.7	13	5.4	30	19	26	11	17	
18	89	74	82	-2	73	75	0	17	RA	0		0.0	T	29.95	30.06	4.6	14	5.3	21	14	15	14	18	
19	87	73	80	-4	74	75	0	15	TSRA RA BR	0		0.0	1.08	29.90	30.02	4.8	09	5.8	37	14	29	16	19	
20	84	73	79	-5	73	75	0	14	TS TSRA RA BR	0		0.0	1.12	29.91	30.02	2.4	15	5.0	17	18	15	19	20	
21	92	77	85	1	74	77	0	20		0		0.0	0.00	29.93	30.04	4.7	13	5.9	15	13	12	15	21	
22	94	74	84	0	74	76	0	19	TS TSRA RA FG+ BR	0		0.0	0.68	29.91	30.04	3.5	35	4.7	32	04	28	04	22	
23	91	72	82	-2	68	72	0	17		0		0.0	0.00	29.86	29.99	3.3	01	4.7	23	03	17	03	23	
24	90	69*	80	-4	67	71	0	15	BR	0		0.0	0.00	29.83	29.94	3.4	03	4.3	17	04	14	04	24	
25	89	72	81	-3	71	74	0	16	RA BR HZ	0		0.0	0.01	29.87	29.98	3.6	11	5.4	20	11	16	11	25	
26	85	75	80	-4	73	75	0	15	TS TSRA RA BR SQ	0		0.0	0.33	29.89	30.01	4.3	11	6.7	37*	17	31*	16	26	
27	84	76	80	-4	73	75	0	15	TSRA RA BR	0		0.0	0.64	29.80	29.92	8.5	07	9.3	23	07	18	08	27	
28	92	76	84	0	75	77	0	19	RA	0		0.0	T	29.75	29.87	1.6	23	3.0	22	17	17	18	28	
29	91	76	84	0	75	77	0	19	TS TSRA RA BR	0		0.0	0.17	29.75	29.86	2.6	18	3.9	23	19	18	18	29	
30	95	77	86	2	74	77	0	21	TS RA BR	0		0.0	T	29.80	29.91	2.6	19	4.4	16	14	15	12	30	
31	96*	78	87	3	74	77	0	22		0		0.0	0.00	29.80	29.92	2.1	24	3.7	14	23	9	26	31	

89.7	74.6	82.2	☼	72.9	75.5	0.0	17.4	< MONTHLY AVERAGES TOTALS >				0.0	9.94	29.86	29.98	2.6	15	5.5	< MONTHLY AVERAGES			
-3.9	1.1	-1.4		-----DEPARTURE FROM NORMAL -----								6.76	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									
DEGREE DAYS								GREATEST 24-HR PRECIPITATION : 2.13 DATE : 19-20				SEA LEVEL PRESSURE				DATE TIME						
MONTHLY				SEASON TO DATE				GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.12 18 1053										
TOTAL DEPARTURE				TOTAL DEPARTURE				GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.81 29 1758										
HEATING :		0 0		0 0		0 0		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 : 16		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH : 19								
COOLING :		539		-34		1690 58				MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 15								
										THUNDERSTORMS : 16		HEAVY FOG : 1		SNOWFALL >= 1.0 INCH : 0								

JULY 2007
HOUSTON, TX

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
JULY 2007

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					0.01		0.01	0.02					01		T	T					0.36	T			01	0.40	0.40	
02					T	0.49	0.42	0.11	0.05	0.12	0.03	0.01	02	T											02	1.23*	1.26	
03													03												03	0.00	0.00	
04	T	T	0.01					T	0.02	0.02	0.07	0.05	04	0.04	T	T							T		04	0.21*	0.27	
05		0.06	0.32	0.07	0.17	0.15	0.23	T					05			0.18									05	1.18	1.18	
06											0.03	0.08	06	T	0.30	0.29	0.02	0.01							06	0.73	0.73	
07				T	0.01	T							07					T	T						07	0.01	0.01	
08													08			0.04	T		T						08	0.04	0.04	
09								T					09												09	T	T	
10													10												10	0.00	0.00	
11													11												11	0.00	0.00	
12													12					0.29							12	0.29	0.29	
13													13												13	0.00	0.00	
14								T	0.02	0.02	0.02	0.02	14	T					T	0.02	T	0.30	0.66	T	14	1.06	1.06	
15								T	0.40	0.02			15												15	0.42	0.42	
16											T	0.05	16												16	0.05	0.05	
17													17	T	0.03		0.13	0.04	T						17	0.20	0.20	
18													18							T					18	T	T	
19									T	0.88	0.13	0.06	19	0.01		T									19	1.08	1.08	
20					0.06	0.59	0.10	0.06	0.24	0.06	0.01		20												20	1.12	1.12	
21													21												21	0.00	0.00	
22								0.17	0.06	T			22					T		0.45	T			22	0.68	0.68		
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25						T	T	0.01				25	0.01	0.01	
26							T	T	T	T	0.01		26		T	0.18	0.14	T	T					26	0.33	0.33		
27			0.02	T	0.01	0.02	0.02	T				T	27					T	T	0.01		0.53	0.03	27	0.64	0.64		
28	T	T											28												28	T	T	
29										T	T		29	0.17	T										29	0.17	0.17	
30													30						T	T					30	T	T	
31													31												31	0.00	0.00	

* 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)	0.31	0.47	0.59	0.68	0.78	0.92	0.96	0.96	1.00	1.03	1.06	1.08
Ending Date	19	19	14	14	14	14	14	14	19	19	19	19
Ending Time (Hr/Min)	0927	0927	2210	2217	2222	2222	2222	2222	1054	1107	1138	1205

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.

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JULY 2007

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		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL		
																												WEATHER	WEATHER
SUNRISE: 0524 JUL 01						SUNSET: 1927						SUNRISE: 0527 JUL 07						SUNSET: 1926											
03	FEW	250			10.00	JUL 01	75	73	74	94	0	00	29.87	29.98	03	BKN	250			10.00	JUL 07	77	75	76	94	0	00	29.87	29.98
06	BKN	250			10.00		75	73	74	94	0	00	29.90	30.00	06	BKN	250			10.00		77	74	75	91	3	30	29.90	30.01
09	BKN	250			10.00		80	74	76	82	9	18	29.94	30.04	09	OVC	120			10.00		80	73	75	79	0	00	29.93	30.04
12	BKN	250			10.00		80	70	73	72	7	18	29.92	30.02	12	BKN	250			10.00		87	75	78	68	8	29	29.90	30.01
15	BKN	140			10.00		84	72	76	67	7	24	29.91	30.02	15	SCT	250			10.00		90	72	77	56	3	VR	29.84	29.95
18	BKN	130			10.00		82	74	76	77	7	13	29.87	29.98	18	OVC	070			10.00	-TSRA	75	72	73	90	6	VR	29.87	29.98
21	OVC	041			7.00	+RA	75	72	73	90	9	10	29.89	29.99	21	BKN	250			10.00		76	73	74	90	0	00	29.82	29.93
24	OVC	250			9.00		78	75	76	91	3	15	29.91	30.02	24	SCT	250			10.00		76	73	74	90	0	00	29.84	29.94
SUNRISE: 0524 JUL 02						SUNSET: 1927						SUNRISE: 0527 JUL 08						SUNSET: 1926											
03	OVC	250			9.00		79	75	76	88	3	14	29.88	29.99	03	SCT	250			9.00		75	73	74	94	0	00	29.82	29.93
06	OVC	065			3.00	TSRA BR	73	72	72	97	0	00	29.94	30.05	06	BKN	250			6.00	BR	77	74	75	91	5	17	29.83	29.94
09	BKN	130			6.00	-RA BR	75	72	73	90	3	21	29.96	30.07	09	OVC	110			10.00		83	77	79	82	5	21	29.87	29.98
12	BKN	070			10.00	-RA	75	72	73	90	11	14	29.94	30.05	12	BKN	250			10.00		90	71	77	54	5	VR	29.83	29.94
15	OVC	250			10.00		82	71	74	69	11	16	29.91	30.02	15	BKN	250			10.00		92	71	77	50	8	15	29.78	29.88
18	BKN	250			10.00		82	72	75	72	6	17	29.89	30.00	18	BKN	250			10.00		88	73	77	61	7	17	29.76	29.87
21	BKN	250			10.00		78	74	75	88	9	11	29.92	30.03	21	BKN	250			10.00		83	74	77	74	8	17	29.78	29.89
24	SCT	250			10.00		77	73	74	88	8	12	29.92	30.03	24	SCT	250			10.00		81	75	77	82	5	17	29.80	29.91
SUNRISE: 0525 JUL 03						SUNSET: 1926						SUNRISE: 0527 JUL 09						SUNSET: 1926											
03	BKN	250			10.00		76	73	74	90	6	09	29.91	30.01	03	SCT	250			10.00		80	75	77	85	5	16	29.80	29.91
06	BKN	250			10.00		77	74	75	91	9	12	29.90	30.01	06	BKN	250			9.00		78	76	77	94	3	16	29.83	29.93
09	SCT	250			10.00		85	72	76	65	13	15	29.93	30.03	09	OVC	250			10.00		85	77	79	77	8	17	29.85	29.96
12	BKN	250			10.00		86	70	75	59	13	17	29.90	30.00	12	BKN	250			10.00		89	74	78	61	8	18	29.85	29.96
15	OVC	250			10.00		85	70	75	61	14	15	29.86	29.97	15	BKN	250			10.00		93	71	78	49	11	19	29.79	29.89
18	OVC	250			10.00		83	68	73	61	14	13	29.85	29.96	18	SCT	250			10.00		90	70	76	52	10	18	29.77	29.87
21	SCT	250			10.00		77	71	73	82	8	09	29.87	29.97	21	SCT	250			10.00		84	74	77	72	9	17	29.82	29.92
24	BKN	250			10.00		76	71	73	85	9	13	29.88	29.98	24	SCT	250			10.00		81	76	77	85	5	18	29.85	29.95
SUNRISE: 0525 JUL 04						SUNSET: 1926						SUNRISE: 0528 JUL 10						SUNSET: 1926											
03	BKN	110			10.00		75	71	72	87	10	11	29.84	29.95	03	SCT	250			9.00		80	76	77	88	7	16	29.82	29.93
06	BKN	130			10.00		74	71	72	90	9	09	29.86	29.96	06	BKN	200			9.00		80	76	77	88	5	17	29.85	29.95
09	BKN	055			10.00		74	72	73	94	9	11	29.88	29.99	09	BKN	250			10.00		87	76	79	70	13	17	29.89	30.00
12	OVC	030			7.00	-RA	76	73	74	90	8	12	29.91	30.02	12	BKN	250			10.00		92	73	78	54	8	17	29.89	30.00
15	BKN	065			10.00		79	74	76	85	9	13	29.84	29.95	15	BKN	250			10.00		94	72	78	49	9	21	29.85	29.96
18	OVC	250			10.00		79	73	75	82	9	11	29.82	29.93	18	SCT	250			10.00		91	72	78	54	9	18	29.83	29.93
21	BKN	250			10.00		75	71	72	87	6	12	29.86	29.96	21	FEW	250			10.00		84	70	74	63	8	18	29.89	29.99
24	BKN	120			7.00		75	72	73	90	5	10	29.87	29.98	24	FEW	250			10.00		80	73	75	79	3	17	29.92	30.03
SUNRISE: 0526 JUL 05						SUNSET: 1926						SUNRISE: 0528 JUL 11						SUNSET: 1925											
03	OVC	100			8.00	-RA	73	71	72	93	7	16	29.83	29.93	03	BKN	250			10.00		78	74	75	88	5	19	29.90	30.00
06	OVC	060			5.00	-RA BR	72	70	71	93	14	16	29.91	30.01	06	BKN	250			8.00		77	75	76	94	3	36	29.96	30.06
09	OVC	250			10.00		77	71	73	82	3	VR	29.91	30.01	09	BKN	250			10.00		86	75	78	70	5	21	30.00	30.10
12	OVC	250			10.00		82	72	75	72	8	13	29.89	30.00	12	BKN	250			10.00		91	72	78	54	5	VR	29.98	30.09
15	BKN	100			10.00		85	73	77	67	14	15	29.83	29.94	15	SCT	250			10.00		95	66	75	39	6	VR	29.93	30.03
18	BKN	250			10.00		81	74	76	79	8	15	29.82	29.93	18	BKN	250			10.00		90	74	79	59	7	17	29.90	30.00
21	BKN	250			10.00		79	75	76	88	5	17	29.86	29.96	21	BKN	250			10.00		86	74	78	68	7	17	29.94	30.05
24	SCT	250			9.00		78	75	76	91	3	17	29.87	29.98	24	BKN	250			10.00		82	74	76	77	6	17	29.96	30.07
SUNRISE: 0526 JUL 06						SUNSET: 1926						SUNRISE: 0529 JUL 12						SUNSET: 1925											
03	BKN	250			7.00		78	75	76	91	5	18	29.85	29.96	03	BKN	250			10.00		80	75	77	85	0	00	29.94	30.05
06	SCT	120			8.00		79	75	76	88	3	24	29.88	29.98	06	SCT	250			10.00		77	74	75	91	0	00	29.96	30.06
09	OVC	250			10.00		82	75	77	79	7	25	29.91	30.01	09	BKN	250			10.00		86	74	78	68	8	24	30.00	30.11
12	BKN	021			4.00	TSRA BR	77	74	75	91	8	17	29.92	30.03	12	BKN	250			10.00		91	71	77	52	0	00	29.98	30.08
15	BKN	025			3.00	-TSRA BR	75	72	73	90	10	20	29.90	30.01	15	BKN	250			10.00		94	69	77	44	3	VR	29.90	30.01
18	OVC	250			10.00		78	73	75	85	3	23	29.86	29.96	18	BKN	055			10.00	-TSRA	89	74	78	61	9	01	29.88	29.98
21	OVC	250			10.00		76	74	75	94	0	00	29.88	29.99	21	SCT	250			10.00		81	73	75	77	11	14	29.90	30.01
24	OVC	250			6.00	BR	77	74	75	91	0	00	29.89	29.99	24	SCT	250			10.00		82	75	77	79	5	19	29.93	30.03

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JULY 2007

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)									
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION				SEA LEVEL	Observation Time (LST)			Eff Cld Amt Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						
																														Observation Time (LST)	Eff Cld Amt Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)
SUNRISE: 0529						JUL 13						SUNSET: 1925						SUNRISE: 0533						JUL 19						SUNSET: 1923					
03	SCT	250			10.00		79	75	76	88	3	20	29.89	30.00	03	OVC	250			10.00		76	72	73	87	3	05	29.91	30.02						
06	BKN	250			10.00		76	74	75	94	0	00	29.92	30.02	06	BKN	250			10.00		76	73	74	90	6	04	29.91	30.01						
09	BKN	250			10.00		87	74	78	65	11	23	29.95	30.06	09	BKN	120			10.00		84	77	79	80	7	11	29.93	30.03						
12	SCT	250			10.00		91	72	78	54	9	20	29.93	30.03	12	BKN	060			7.00	-RA	74	72	73	94	7	08	29.96	30.06						
15	BKN	250			10.00		93	72	78	51	6	VR	29.86	29.97	15	BKN	130			10.00		81	74	76	79	6	15	29.91	30.02						
18	BKN	250			10.00		86	74	78	68	9	11	29.82	29.93	18	BKN	130			10.00		81	75	77	82	10	07	29.88	29.99						
21	BKN	250			10.00		80	75	77	85	5	17	29.85	29.95	21	BKN	250			10.00		77	74	75	91	7	10	29.88	29.99						
24	BKN	250			10.00		81	74	76	79	6	18	29.85	29.95	24	BKN	250			10.00		77	75	76	94	3	09	29.89	29.99						
SUNRISE: 0530						JUL 14						SUNSET: 1925						SUNRISE: 0533						JUL 20						SUNSET: 1922					
03	BKN	250			10.00		80	75	77	85	5	20	29.84	29.95	03	OVC	250			10.00		77	75	76	94	5	03	29.90	30.01						
06	BKN	250			10.00		80	75	77	85	5	19	29.84	29.94	06	OVC	100			6.00	TSRA BR	74	71	72	90	9	09	29.95	30.05						
09	OVC	250			6.00	-RA BR	80	76	77	88	6	31	29.90	30.01	09	BKN	065			4.00	+RA BR	73	70	71	90	10	13	29.97	30.08						
12	OVC	110			7.00	-RA	80	76	77	88	10	22	29.83	29.94	12	OVC	250			10.00		80	71	74	74	5	15	29.94	30.05						
15	OVC	250			10.00		86	74	78	68	8	24	29.81	29.91	15	OVC	250			10.00		84	72	76	67	7	20	29.89	29.99						
18	BKN	250			10.00		87	74	78	65	6	18	29.76	29.86	18	OVC	250			10.00		82	74	76	77	3	VR	29.88	29.99						
21	OVC	120			10.00	TS	76	72	73	87	10	03	29.81	29.91	21	BKN	130			10.00		78	75	76	91	6	11	29.89	30.00						
24	OVC	250			10.00		75	73	74	94	5	15	29.80	29.91	24	BKN	250			10.00		78	75	76	91	5	11	29.93	30.04						
SUNRISE: 0531						JUL 15						SUNSET: 1924						SUNRISE: 0534						JUL 21						SUNSET: 1922					
03	BKN	130			10.00		76	73	74	90	0	00	29.79	29.90	03	BKN	250			10.00		77	75	76	94	5	15	29.91	30.01						
06	OVC	250			10.00		76	74	75	94	0	00	29.79	29.90	06	BKN	250			10.00		77	74	75	91	5	11	29.93	30.03						
09	OVC	032			1.00	+RA BR	75	72	73	90	8	21	29.85	29.96	09	OVC	110			9.00		83	76	78	80	9	10	29.97	30.08						
12	BKN	250			10.00		81	73	75	77	10	15	29.86	29.97	12	OVC	110			10.00		88	73	77	61	9	10	29.98	30.08						
15	OVC	250			10.00		85	73	77	67	7	31	29.80	29.90	15	SCT	250			10.00		91	71	77	52	5	08	29.93	30.04						
18	SCT	045			10.00		82	73	76	74	5	31	29.77	29.88	18	SCT	250			10.00		89	73	78	59	9	15	29.90	30.01						
21	BKN	250			10.00		77	73	74	88	0	00	29.79	29.90	21	SCT	250			10.00		80	76	77	88	5	16	29.92	30.03						
24	BKN	250			10.00		75	71	72	87	0	00	29.83	29.94	24	SCT	250			10.00		78	74	75	88	3	28	29.94	30.05						
SUNRISE: 0531						JUL 16						SUNSET: 1924						SUNRISE: 0534						JUL 22						SUNSET: 1921					
03	BKN	250			10.00		74	71	72	90	5	20	29.84	29.95	03	SCT	250			10.00		78	74	75	88	5	26	29.93	30.04						
06	BKN	130			10.00		73	71	72	93	5	02	29.83	29.94	06	BKN	250			10.00		78	74	75	88	0	00	29.95	30.06						
09	SCT	250			10.00		84	74	77	72	6	18	29.86	29.96	09	BKN	250			10.00	-RA	78	73	75	85	7	32	29.98	30.10						
12	BKN	100			10.00	TS	75	72	73	90	6	12	29.88	29.99	12	SCT	250			10.00		88	74	78	63	3	31	29.96	30.07						
15	BKN	250			10.00		83	68	73	61	10	17	29.84	29.95	15	SCT	250			10.00		93	73	79	52	8	02	29.89	29.99						
18	BKN	250			10.00		83	71	75	67	0	00	29.85	29.96	18	BKN	250			10.00		90	74	79	59	7	33	29.86	29.97						
21	SCT	250			10.00		77	73	74	88	0	00	29.86	29.96	21	BKN	250			9.00		77	75	76	94	0	00	29.91	30.02						
24	SCT	250			10.00		77	73	74	88	3	17	29.87	29.98	24	SCT	250			9.00		77	74	75	91	3	05	29.92	30.02						
SUNRISE: 0532						JUL 17						SUNSET: 1924						SUNRISE: 0535						JUL 23						SUNSET: 1921					
03	BKN	250			10.00		74	71	72	90	0	00	29.89	29.99	03	BKN	250			10.00		75	71	72	87	3	11	29.90	30.01						
06	SCT	130			10.00		74	72	73	94	0	00	29.91	30.01	06	SCT	250			10.00		73	68	70	84	5	03	29.92	30.02						
09	SCT	250			10.00		84	73	76	70	8	15	29.92	30.03	09	SCT	250			10.00		81	67	72	63	5	05	29.93	30.03						
12	BKN	250			10.00		88	71	76	57	5	16	29.93	30.03	12	BKN	250			10.00		87	67	74	52	5	VR	29.90	30.00						
15	BKN	043			10.00	TS	86	72	76	63	16	16	29.92	30.03	15	OVC	250			10.00		88	64	72	45	9	36	29.85	29.95						
18	OVC	250			10.00		75	72	73	90	8	13	29.93	30.04	18	BKN	250			10.00		86	63	71	46	7	35	29.82	29.92						
21	BKN	250			10.00		75	72	73	90	6	06	29.94	30.05	21	BKN	250			10.00		77	69	72	76	6	01	29.84	29.95						
24	BKN	250			10.00		74	72	73	94	5	11	29.93	30.04	24	SCT	250			10.00		72	68	69	87	0	00	29.86	29.96						
SUNRISE: 0532						JUL 18						SUNSET: 1923						SUNRISE: 0536						JUL 24						SUNSET: 1920					
03	BKN	250			10.00		74	73	73	97	0	00	29.93	30.04	03	BKN	250			9.00		72	68	69	87	0	00	29.84	29.94						
06	BKN	250			10.00		75	73	74	94	0	00	29.96	30.07	06	BKN	250			6.00	BR	70	67	68	90	5	02	29.84	29.94						
09	BKN	250			10.00		84	75	78	74	7	10	30.01	30.11	09	BKN	250			10.00		81	70	74	69	3	03	29.87	29.98						
12	OVC	250			10.00		87	73	77	63	9	12	30.00	30.10	12	BKN	250			10.00		87	64	72	46	5	VR	29.86	29.96						
15	OVC	250			10.00		83	71	75	67	8	17	29.95	30.06	15	BKN	250			10.00		88	63	72	43	7	01	29.79	29.90						
18	OVC	250			10.00		81	73	75	77	3	18	29.93	30.04	18	BKN	250			10.00		85	64	71	49	8	04	29.80	29.91						
21	OVC	250			10.00		77	73	74	88	7	12	29.92	30.03	21	OVC	250			10.00		79	68	72	69	3	21	29.84	29.94						
24	BKN	250			10.00		76	72	73	87	0	00	29.94	30.04	24	BKN	250			8.00		74	69	71	84	0	00	29.84	29.95						

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JULY 2007

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)																
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL													
SUNRISE: 0536						JUL 25						SUNSET: 1920															
03	OVC	250				73	70	71	90	0	00	29.85	29.95	06	BKN	250			BR	73	69	70	87	0	00	29.88	29.99
09	OVC	250				82	70	74	67	8	04	29.91	30.01	12	OVC	250				87	70	75	57	10	10	29.89	29.99
15	OVC	250				87	70	75	57	13	13	29.85	29.96	18	OVC	250				83	72	75	70	10	13	29.86	29.96
21	BKN	140			-RA	79	73	75	82	3	17	29.88	29.99	24	BKN	250				76	73	74	90	0	00	29.88	29.98
SUNRISE: 0537						JUL 26						SUNSET: 1919															
03	BKN	250				76	73	74	90	3	03	29.88	29.98	06	BKN	250				76	73	74	90	0	00	29.90	30.00
09	SCT	070				83	75	77	77	3	12	29.93	30.03	12	OVC	250				84	72	76	67	14	12	29.94	30.05
15	SCT	032			TSRA SQ	77	72	74	85	29	14	29.92	30.03	18	OVC	250				77	73	74	88	5	VR	29.86	29.97
21	BKN	250				77	75	76	94	5	13	29.90	30.01	24	BKN	250				77	75	76	94	7	03	29.89	30.00
SUNRISE: 0537						JUL 27						SUNSET: 1919															
03	BKN	060				76	73	74	90	6	06	29.84	29.94	06	OVC	038			-TSRA	76	73	74	90	6	03	29.82	29.93
09	OVC	065			BR	77	73	74	88	15	08	29.86	29.97	12	OVC	023				79	73	75	82	14	09	29.86	29.96
15	OVC	046				81	73	75	77	13	10	29.80	29.91	18	OVC	025			-RA	80	74	76	82	8	03	29.76	29.87
21	OVC	055				77	74	75	91	7	08	29.79	29.89	24	BKN	250				76	74	75	94	0	00	29.77	29.88
SUNRISE: 0538						JUL 28						SUNSET: 1918															
03	BKN	130				78	75	76	91	0	00	29.76	29.87	06	BKN	035				78	75	76	91	0	00	29.78	29.89
09	OVC	016				80	74	76	82	0	00	29.80	29.91	12	SCT	250				89	75	79	63	7	27	29.79	29.90
15	BKN	250				91	72	78	54	5	29	29.71	29.82	18	BKN	110				84	75	78	74	5	20	29.72	29.82
21	SCT	250				79	76	77	91	0	00	29.73	29.84	24	SCT	250				80	76	77	88	5	18	29.75	29.85
SUNRISE: 0539						JUL 29						SUNSET: 1917															
03	SCT	250				78	75	76	91	0	00	29.74	29.84	06	BKN	250				77	75	76	94	0	00	29.75	29.86
09	BKN	014				83	76	78	80	0	00	29.79	29.89	12	SCT	250				90	75	79	61	6	27	29.77	29.87
15	BKN	250				83	74	77	74	3	15	29.74	29.84	18	BKN	250				87	74	78	65	8	16	29.71	29.82
21	SCT	250				82	76	78	82	5	17	29.76	29.86	24	FEW	250				79	76	77	91	5	17	29.78	29.88
SUNRISE: 0539						JUL 30						SUNSET: 1917															
03	SCT	250			BR	79	76	77	91	3	18	29.79	29.89	06	BKN	250			BR	77	75	76	94	0	00	29.81	29.91
09	BKN	250				86	75	78	70	5	25	29.84	29.95	12	BKN	250				91	71	77	52	5	VR	29.84	29.95
15	BKN	250				92	70	77	49	0	00	29.78	29.88	18	SCT	044				88	75	79	65	3	VR	29.76	29.86
21	OVC	250				82	77	78	85	3	21	29.80	29.91	24	BKN	250				83	76	78	80	6	19	29.85	29.95

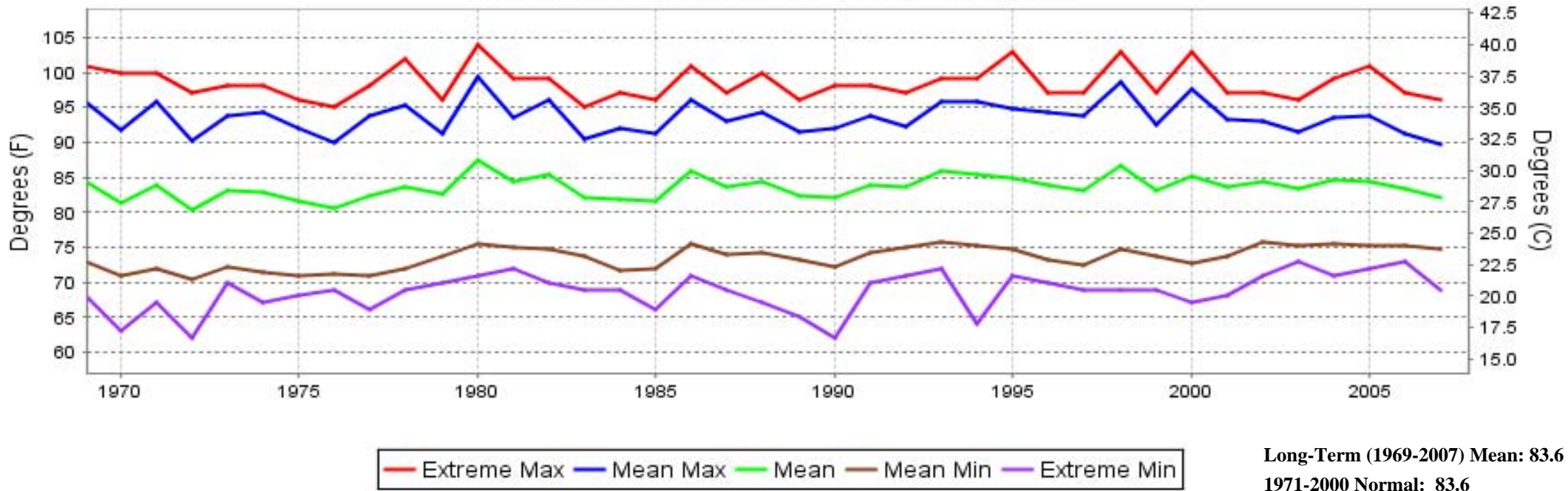
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)																
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL													
SUNRISE: 0540						JUL 31						SUNSET: 1916															
03	BKN	250				81	76	77	85	5	23	29.82	29.93	06	BKN	250				78	75	76	91	0	00	29.82	29.93
09	BKN	250				87	76	79	70	6	27	29.86	29.97	12	BKN	250				92	72	78	52	0	00	29.85	29.96
15	SCT	250				94	70	77	46	5	VR	29.78	29.88	18	BKN	250				93	68	76	44	5	23	29.75	29.86
21	BKN	250				85	77	79	77	6	17	29.80	29.91	24	BKN	250				81	76	77	85	0	00	29.82	29.93

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.

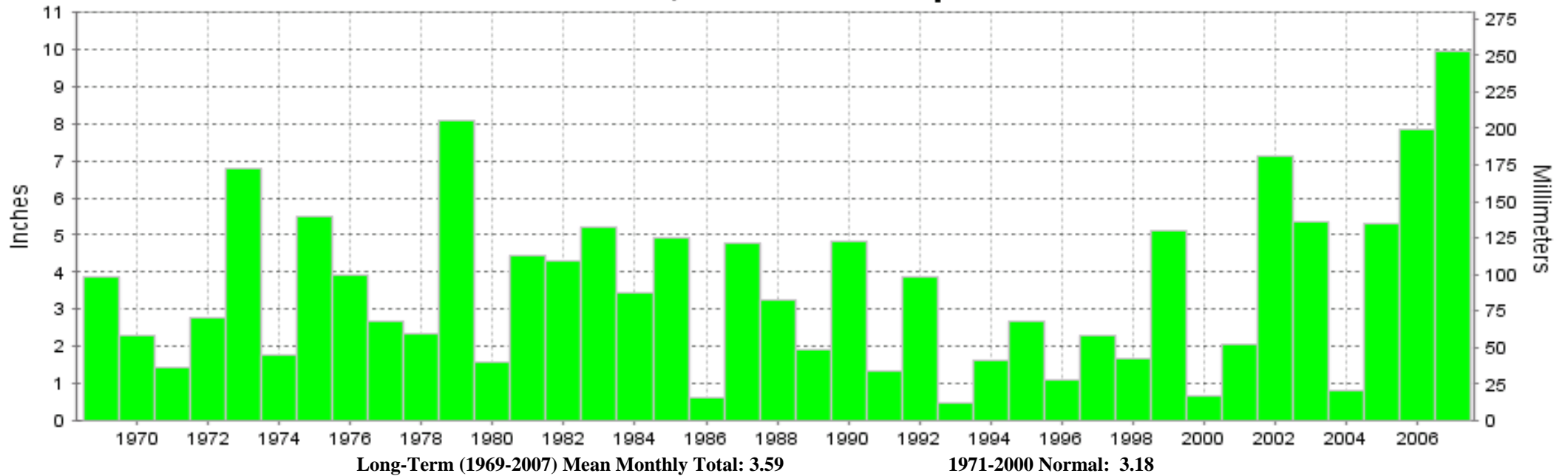
SUMMARY BY HOUR

HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			77	74	75	90	29.87	29.97	9.50	3	4	15
02			77	74	75	90	29.86	29.97	9.48	3	4	15
03			77	73	75	90	29.86	29.96	9.48	3	3	16
04			77	74	75	90	29.86	29.97	9.26	3	4	15
05			76	73	74	90	29.87	29.97	9.06	3	4	15
06			76	73	74	91	29.88	29.98	8.45	3	4	15
07			78	74	75	88	29.89	29.99	8.13	4	3	15
08			80	74	76	83	29.90	30.01	8.68	6	2	17
09			82	74	76	77	29.91	30.02	9.06	7	2	16
10			83	73	76	73	29.91	30.02	9.23	7	2	20
11			84	72	76	69	29.91	30.02	9.34	8	3	17
12			85	72	76	67	29.90	30.01	9.52	7	4	13
13			86	72	76	64	29.88	29.99	9.94	8	3	14
14			87	72	76	62	29.87	29.97	9.77	7	3	15
15			87	71	76	61	29.85	29.96	9.55	9	3	14
16			86	71	76	62	29.84	29.95	9.58	7	2	15
17			86	72	76	64	29.83	29.94	9.77	8	3	13
18			84	72	76	69	29.83	29.94	9.90	7	3	13
19			82	73	76	74	29.84	29.94	9.97	6	4	13
20			80	74	76	82	29.84	29.95	9.81	5	4	14
21			79	73	75	84	29.86	29.96	9.81	5	4	13
22			79	73	75	85	29.87	29.97	9.48	5	3	14
23			78	74	75	86	29.87	29.98	9.61	4	3	15
24			78	74	75	88	29.87	29.98	9.52	3	3	15

HOUSTON, TX JULY Temperatures



HOUSTON, TX JULY Precipitation





**JULY 2007
HOUSTON, TX**

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

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Thomas R. Karl
DIRECTOR

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