



MAY 2013 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			
20	21	22	23	24																				
01	85	65	75	3	66	69	0	10	BR	0		0.0	0.00	29.74	29.85	3.3	12	3.7	15	14	12	15	01	
02	79	50	65	-8	56	60	0	0		0		0.0	0.00	29.96	30.04	13.3	33	14.3	37	34	28	33	02	
03	69	47	58*	-15	34	47	7	0		0		0.0	0.00	30.00	30.12	15.7	34	15.9	39*	35	31*	35	03	
04	81	42*	62	-11	39	51	3	0		0		0.0	0.00	29.85	29.97	6.3	24	6.8	26	22	18	23	04	
05	73	51	62	-11	41	51	3	0		0		0.0	0.00	29.93	30.05	8.4	35	8.8	28	36	21	36	05	
06	79	49	64	-10	48	56	1	0		0		0.0	0.00	29.93	30.04	2.7	30	2.9	18	34	13	28	06	
07	87	54	71	-3	53	61	0	6		0		0.0	0.00	29.90	30.02	3.0	18	3.8	18	15	16	14	07	
08	85	60	73	-1	61	65	0	8		0		0.0	0.00	29.90	30.01	8.4	15	9.2	28	15	23	14	08	
09	79	70	75	1	69	70	0	10	RA BR	0		0.0	0.04	29.83	29.95	8.8	14	9.2	24	15	21	15	09	
10	78	67	73	-2	66	68	0	8	TS TSRA RA BR	0		0.0	0.80	29.80	29.93	4.4	06	8.2	37	15	29	16	10	
11	86	66	76	1	62	67	0	11		0		0.0	0.00	29.92	30.02	6.6	36	7.3	23	02	17	35	11	
12	82	62	72	-3	56	62	0	7		0		0.0	0.00	30.03	30.13	5.5	03	6.1	17	04	15	01	12	
13	81	55	68	-7	53	60	0	3		0		0.0	0.00	30.11	30.22	4.1	14	5.4	17	15	14	14	13	
14	84	57	71	-4	61	65	0	6	BCFG BR	0		0.0	0.00	30.04	30.17	7.5	15	8.1	24	13	20	14	14	
15	80	66	73	-3	66	68	0	8	RA BR	0		0.0	0.07	29.90	30.04	11.0	16	11.2	26	14	22	14	15	
16	85	69	77	1	69	71	0	12	RA BR	0		0.0	0.03	29.76	29.89	10.2	16	11.9	28	17	22	16	16	
17	89	73	81	4	70	73	0	16	HZ FU	0		0.0	0.00	29.78	29.90	9.0	17	9.2	26	16	20	16	17	
18	91	75	83	6	70	73	0	18	BR HZ	0		0.0	0.00	29.81	29.92	12.0	16	12.4	30	15	22	15	18	
19	90	75	83	6	70	73	0	18		0		0.0	0.00	29.75	29.87	14.4	16	14.7	33	14	24	14	19	
20	90	77	84	7	71	75	0	19	HZ	0		0.0	0.00	29.73	29.85	13.9	16	14.1	31	15	24	15	20	
21	89	77	83	6	71	75	0	18		0		0.0	0.00	29.70	29.81	12.0	16	12.4	31	15	24	15	21	
22	89	71	80	3	71	74	0	15	TS TSRA RA BR	0		0.0	0.08	29.77	29.87	3.8	11	7.3	21	33	16	14	22	
23	89	71	80	3	73	75	0	15	BR	0		0.0	0.00	29.87	29.97	8.7	13	9.4	22	14	18	14	23	
24	90	73	82	5	72	74	0	17	BR	0		0.0	0.00	29.98	30.07	8.2	14	8.4	25	15	22	14	24	
25	85	71	78	0	71	74	0	13		0		0.0	0.00	29.99	30.10	9.1	13	9.2	21	15	17	13	25	
26	91	75	83	5	69	73	0	18		0		0.0	0.00	29.94	30.06	8.9	16	9.2	25	15	21	15	26	
27	90	70	80	2	70	73	0	15		0		0.0	0.00	29.86	29.99	11.2	16	11.3	30	14	22	15	27	
28	90	75	83	5	69	73	0	18	RA	0		0.0	T	29.79	29.91	12.9	15	13.4	28	16	23	15	28	
29	86	76	81	3	71	74	0	16		0		0.0	0.00	29.73	29.86	14.4	15	14.6	32	15	26	14	29	
30	90	77	84	5	73	76	0	19	RA	0		0.0	T	29.73	29.85	14.5	15	14.7	32	13	24	14	30	
31	93*	79	86*	7	74	77	0	21		0		0.0	0.00	29.74	29.86	11.8	17	11.9	26	15	21	15	31	
85.0		66.0	75.5	☼	63.4	67.8	0.5	11.1	< MONTHLY AVERAGES TOTALS >			0.0	1.02	29.86	29.98	5.4	15	9.8	< MONTHLY AVERAGES					
-1.3	-1.6	-1.4	<-----DEPARTURE FROM NORMAL----->						-4.07	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3														
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 0.80 DATE : 10				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY									GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.30				13 0950							
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.72				21 1743							
SEASON TO DATE									NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 9		MINIMUM TEMP <= 32 : 0		PRECIPITATION >= 0.01 INCH: 5							
HEATING : 14 13 1187 -180									MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH: 1											
COOLING : 345 -26 570 -82									THUNDERSTORMS : 2		HEAVY FOG : 0		SNOWFALL >= 1.0 INCH : 0											

MAY 2013
HOUSTON, TX

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
MAY 2013

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												03	0.00	0.00		
04													04												04	0.00	0.00		
05													05												05	0.00	0.00		
06													06												06	0.00	0.00		
07													07												07	0.00	0.00		
08													08												08	0.00	0.00		
09													09												09	0.04	0.04		
10		0.06	0.01					T	T	T	0.22	0.13	0.01	10	T	T	T		T	0.01	T	0.03		0.06	0.29	0.02	10	0.80	0.80
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											0.05	0.02	T	15		T	T							15	0.07	0.07			
16						0.03		T					16												16	0.03	0.03		
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	T	T	0.05	0.03									22												22	0.08	0.08		
23													23												23	0.00	0.00		
24													24												24	0.00	0.00		
25													25												25	0.00	0.00		
26													26												26	0.00	0.00		
27													27												27	0.00	0.00		
28													28												28	T	T		
29													29												29	0.00	0.00		
30													30												30	T	T		
31													31	T	T	T									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)	0.07	0.11	0.17	0.21	0.25	0.30	0.34	0.37	0.37	0.37	0.37	0.37
Ending Date	10	10	10	10	10	10	10	10	10	10	10	10
Ending Time (Hr/Min)	2213	2216	2213	2216	2219	2241	2251	2308	2308	2308	2308	2308

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	
VC In the Vicinity	UP Unkown Precipitation		GL Glaze

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

HOUSTON, TX MAY 2013

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:

Beginning with the January 2013 LCD, monthly mean temperature calculations have changed to the National Data Stewardship Team standard. Monthly maximum and minimum temperature are not rounded until after monthly mean temperature is calculated. This is the most accurate outcome, but may be slightly different from the mean derived from rounded monthly maximum and minimum.

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	1.00	10.00
02	10.00	10.00
03	10.00	10.00
04	10.00	10.00
05	10.00	10.00
06	8.00	10.00
07	10.00	10.00
08	10.00	10.00
09	4.00	10.00
10	5.00	10.00
11	0.50	10.00
12	7.00	10.00
13	10.00	10.00
14	1.50	10.00
15	2.00	10.00
16	6.00	10.00
17	3.00	10.00
18	5.00	10.00
19	10.00	10.00
20	6.00	10.00
21	8.00	10.00
22	5.00	10.00
23	0.50	10.00
24	6.00	10.00
25	9.00	10.00
26	7.00	10.00
27	10.00	10.00
28	10.00	10.00
29	10.00	10.00
30	10.00	10.00
31	10.00	10.00
AVGS	6.92	10.00
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
0	6	18

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2013

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: 0539					MAY 01					SUNSET: 1858					SUNRISE: 0534					MAY 07					SUNSET: 1902				
03	BKN	045	10.00		68	65	66	90	3	11	29.71	29.81	03	SCT	250	10.00		59	53	56	81	3	22	29.91	30.02				
06	FEW	020	10.00		65	64	64	97	5	10	29.71	29.82	06	SCT	250	10.00		57	53	55	87	0	00	29.94	30.05				
09	BKN	021	10.00		76	68	71	77	7	12	29.78	29.88	09	CLR	NC	10.00		74	54	62	50	0	00	29.96	30.07				
12	SCT	070	10.00		79	67	71	67	6	11	29.76	29.87	12	FEW	250	10.00		81	52	64	37	0	00	29.94	30.05				
15	SCT	070	10.00		84	64	71	51	6	19	29.72	29.83	15	SCT	250	10.00		85	51	65	31	3	VR	29.87	29.98				
18	SCT	055	10.00		83	64	71	53	0	00	29.71	29.82	18	SCT	250	10.00		83	52	65	34	6	19	29.85	29.96				
21	FEW	050	10.00		74	67	69	79	3	14	29.75	29.86	21	FEW	250	10.00		72	55	62	55	8	17	29.90	30.00				
24	FEW	050	10.00		71	66	68	84	3	01	29.81	29.91	24	FEW	250	10.00		67	59	62	76	0	00	29.91	30.02				
SUNRISE: 0538					MAY 02					SUNSET: 1859					SUNRISE: 0533					MAY 08					SUNSET: 1903				
03	BKN	031	10.00		70	64	66	82	3	36	29.80	29.91	03	SCT	250	10.00		62	59	60	90	0	00	29.89	30.00				
06	BKN	250	10.00		67	65	66	93	7	01	29.84	29.94	06	SCT	250	10.00		63	60	61	90	0	00	29.92	30.02				
09	BKN	250	10.00		76	64	68	67	16	02	29.87	29.98	09	BKN	250	10.00		74	63	67	69	13	17	29.96	30.06				
12	BKN	250	10.00		77	61	67	58	10	36	29.93	30.04	12	SCT	250	10.00		82	59	68	46	14	15	29.94	30.04				
15	OVC	020	10.00		64	53	58	68	23	32	29.97	30.08	15	FEW	150	10.00		84	56	67	38	10	17	29.88	29.98				
18	OVC	036	10.00		60	48	54	65	16	33	30.01	30.12	18	SCT	150	10.00		75	64	68	69	17	12	29.87	29.98				
21	OVC	025	10.00		53	43	48	69	24	33	30.06	30.18	21	SCT	250	10.00		70	63	66	79	9	16	29.88	29.99				
24	OVC	021	10.00		50	42	46	74	18	32	30.09	30.19	24	OVC	021	10.00		70	64	66	82	5	18	29.89	30.00				
SUNRISE: 0537					MAY 03					SUNSET: 1859					SUNRISE: 0532					MAY 09					SUNSET: 1903				
03	BKN	100	10.00		48	38	43	68	16	34	30.05	30.16	03	OVC	026	10.00		71	66	68	84	7	16	29.85	29.96				
06	FEW	040	10.00		47	36	42	66	20	33	30.06	30.18	06	OVC	038	10.00		71	67	68	87	5	17	29.87	29.98				
09	FEW	040	10.00		53	36	45	52	23	34	30.09	30.20	09	OVC	042	10.00		75	69	71	82	9	15	29.89	30.00				
12	CLR	NC	10.00		63	29	48	28	23	32	30.06	30.17	12	OVC	032	10.00		77	70	72	79	16	14	29.88	29.99				
15	CLR	NC	10.00		68	27	49	21	20	33	29.97	30.08	15	OVC	038	7.00		74	71	72	91	14	13	29.82	29.93				
18	CLR	NC	10.00		66	26	48	22	14	35	29.95	30.06	18	OVC	040	7.00	-RA	73	71	72	94	10	15	29.77	29.88				
21	CLR	NC	10.00		58	30	46	35	3	32	29.98	30.10	21	OVC	036	6.00	BR	73	72	72	96	9	15	29.81	29.92				
24	CLR	NC	10.00		48	37	43	66	0	00	29.97	30.08	24	BKN	028	6.00	BR	73	72	72	96	5	18	29.82	29.92				
SUNRISE: 0536					MAY 04					SUNSET: 1900					SUNRISE: 0532					MAY 10					SUNSET: 1904				
03	CLR	NC	10.00		44	38	41	79	0	00	29.92	30.03	03	OVC	070	10.00	TS	71	68	69	90	11	18	29.70	29.80				
06	CLR	NC	10.00		43	39	41	86	0	00	29.92	30.03	06	OVC	016	10.00		68	66	67	93	9	09	29.82	29.93				
09	CLR	NC	10.00		66	32	50	28	11	22	29.93	30.03	09	OVC	150	10.00	-TSRA	68	66	67	93	8	36	29.85	29.95				
12	SCT	250	10.00		74	35	54	24	10	25	29.87	29.98	12	BKN	220	10.00		68	66	67	93	14	11	29.80	29.90				
15	SCT	250	10.00		79	38	57	23	10	26	29.79	29.89	15	BKN	250	10.00		76	66	70	72	6	08	29.80	29.90				
18	SCT	250	10.00		78	36	56	22	10	24	29.75	29.85	18	SCT	120	10.00		75	65	69	71	7	06	29.78	29.88				
21	SCT	250	10.00		66	43	54	43	5	33	29.81	29.92	21	BKN	250	10.00		72	65	68	79	6	11	29.87	29.98				
24	SCT	250	10.00		65	47	55	52	7	24	29.87	29.98	24	OVC	100	10.00		68	67	67	96	7	35	29.86	29.97				
SUNRISE: 0536					MAY 05					SUNSET: 1901					SUNRISE: 0531					MAY 11					SUNSET: 1905				
03	FEW	250	10.00		56	42	49	60	5	36	29.87	29.97	03	BKN	100	9.00		67	66	66	97	5	32	29.87	29.97				
06	CLR	NC	10.00		51	38	45	61	7	35	29.94	30.04	06	BKN	250	0.50		66	65	65	96	0	00	29.91	30.02				
09	CLR	NC	10.00		60	39	50	46	13	34	29.98	30.10	09	BKN	150	10.00		72	68	69	87	8	01	29.92	30.03				
12	CLR	NC	10.00		68	41	54	38	14	33	29.98	30.08	12	BKN	080	10.00		82	64	70	55	9	02	29.93	30.03				
15	CLR	NC	10.00		73	41	56	32	14	35	29.91	30.02	15	BKN	100	10.00		86	62	70	45	11	36	29.89	30.00				
18	CLR	NC	10.00		70	39	54	32	13	35	29.90	30.01	18	FEW	040	10.00		82	59	68	46	9	34	29.88	29.99				
21	CLR	NC	10.00		62	43	52	50	6	02	29.96	30.06	21	CLR	NC	10.00		73	55	62	53	9	34	29.97	30.07				
24	CLR	NC	10.00		56	44	50	65	0	00	29.97	30.08	24	FEW	100	10.00		68	55	60	63	8	01	29.98	30.09				
SUNRISE: 0535					MAY 06					SUNSET: 1901					SUNRISE: 0530					MAY 12					SUNSET: 1905				
03	CLR	NC	10.00		51	45	48	80	0	00	29.97	30.08	03	SCT	110	10.00		65	56	60	73	0	00	30.00	30.11				
06	CLR	NC	10.00		51	44	48	77	3	34	29.97	30.08	06	SCT	250	10.00		63	56	59	78	3	36	30.02	30.13				
09	FEW	250	10.00		65	45	54	49	3	29	30.00	30.11	09	BKN	250	10.00		73	59	65	62	10	01	30.06	30.18				
12	SCT	250	10.00		74	48	59	40	8	30	29.98	30.09	12	BKN	250	10.00		80	54	64	41	9	06	30.06	30.17				
15	BKN	250	10.00		79	49	62	35	0	00	29.89	30.00	15	BKN	250	10.00		81	54	65	39	3	VR	30.01	30.11				
18	OVC	250	10.00		75	51	61	43	7	29	29.88	29.99	18	SCT	130	10.00		79	53	64	41	8	02	29.98	30.10				
21	BKN	250	10.00		68	52	59	57	0	00	29.90	30.01	21	SCT	130	10.00		70	53	60	55	5	04	30.06	30.17				
24	SCT	250	10.00		61	53	57	75	0	00	29.92	30.02	24	SCT	110	10.00		64	53	58	68	3	02	30.08	30.19				

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2013

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: 0530					MAY 13					SUNSET: 1906					SUNRISE: 0526					MAY 19					SUNSET: 1910				
03	SCT	250	10.00		58	52	55	81	0	00	30.06	30.18	03	BKN	250	10.00		76	70	72	82	13	16	29.78	29.88				
06	FEW	250	10.00		56	51	53	84	0	00	30.11	30.22	06	BKN	250	10.00		76	70	72	82	9	17	29.78	29.89				
09	CLR	NC	10.00		71	49	59	46	9	11	30.19	30.29	09	SCT	250	10.00		81	69	73	67	16	16	29.80	29.91				
12	CLR	NC	10.00		78	50	62	37	3	VR	30.14	30.26	12	FEW	037	10.00		87	67	74	51	14	18	29.77	29.88				
15	SCT	250	10.00		80	49	62	34	11	13	30.10	30.21	15	FEW	040	10.00		88	68	74	52	17	17	29.73	29.83				
18	FEW	250	10.00		76	53	63	45	9	13	30.08	30.19	18	FEW	030	10.00		82	70	74	67	22	15	29.71	29.82				
21	FEW	250	10.00		67	56	61	68	6	16	30.11	30.23	21	BKN	033	10.00		79	71	74	77	11	16	29.75	29.86				
24	FEW	250	10.00		61	58	59	90	0	00	30.11	30.22	24	OVC	035	10.00		78	71	73	79	8	17	29.76	29.87				
SUNRISE: 0529					MAY 14					SUNSET: 1906					SUNRISE: 0526					MAY 20					SUNSET: 1910				
03	SCT	250	10.00		62	60	61	93	5	21	30.08	30.19	03	BKN	250	10.00		77	73	74	88	9	17	29.74	29.84				
06	BKN	006	1.50	BR	61	61	61	100	0	00	30.09	30.20	06	OVC	031	6.00	HZ	78	71	73	79	15	16	29.76	29.87				
09	BKN	250	10.00		72	64	67	76	7	17	30.13	30.23	09	BKN	029	10.00		80	70	73	71	14	17	29.79	29.90				
12	SCT	250	10.00		81	56	66	42	9	14	30.09	30.20	12	BKN	031	10.00		87	71	76	59	16	16	29.77	29.88				
15	SCT	250	10.00		83	58	67	43	11	16	30.03	30.15	15	FEW	037	10.00		88	71	76	57	17	15	29.72	29.83				
18	SCT	250	10.00		76	65	69	69	14	14	29.98	30.10	18	BKN	030	10.00		82	72	75	72	18	15	29.68	29.79				
21	FEW	030	10.00		71	64	67	79	10	17	30.01	30.12	21	OVC	025	10.00		80	72	75	76	13	15	29.72	29.83				
24	BKN	250	10.00		70	66	67	87	5	18	30.03	30.15	24	OVC	030	10.00		79	74	76	85	6	18	29.77	29.87				
SUNRISE: 0528					MAY 15					SUNSET: 1907					SUNRISE: 0525					MAY 21					SUNSET: 1911				
03	SCT	250	10.00		70	65	67	84	6	16	29.98	30.10	03	OVC	036	9.00		77	74	75	90	9	15	29.71	29.82				
06	BKN	250	10.00		67	65	66	93	5	16	30.00	30.11	06	BKN	034	10.00		77	71	73	82	8	16	29.74	29.85				
09	OVC	080	2.00	RA BR	71	68	69	90	11	16	30.01	30.12	09	BKN	250	10.00		83	70	74	65	14	18	29.75	29.85				
12	BKN	110	10.00		74	69	71	85	16	14	29.96	30.07	12	BKN	036	10.00		87	69	75	55	13	17	29.72	29.83				
15	OVC	050	10.00		76	67	70	74	17	14	29.89	29.99	15	SCT	040	10.00		88	70	76	55	11	17	29.68	29.78				
18	BKN	060	10.00		76	63	68	64	17	15	29.85	29.96	18	BKN	042	10.00		83	71	75	67	14	18	29.62	29.73				
21	BKN	060	10.00		73	65	68	76	14	16	29.83	29.94	21	BKN	075	10.00		80	73	75	79	8	16	29.71	29.82				
24	OVC	025	10.00		72	67	69	84	9	17	29.82	29.92	24	BKN	095	10.00		79	74	76	85	6	34	29.75	29.85				
SUNRISE: 0528					MAY 16					SUNSET: 1908					SUNRISE: 0525					MAY 22					SUNSET: 1912				
03	SCT	040	10.00		72	67	69	84	6	32	29.82	29.92	03	OVC	070	5.00	-TSRA BR	71	69	70	94	0	00	29.72	29.83				
06	OVC	026	6.00	BR	70	68	69	93	6	06	29.86	29.96	06	OVC	038	10.00		72	70	71	94	5	13	29.75	29.85				
09	BKN	027	10.00		76	69	71	79	16	15	29.79	29.89	09	OVC	012	10.00		74	69	71	85	8	36	29.80	29.91				
12	BKN	034	10.00		83	68	73	61	17	17	29.75	29.86	12	CLR	NC	10.00		83	71	75	67	5	VR	29.80	29.91				
15	BKN	048	10.00		82	70	74	67	20	15	29.73	29.83	15	BKN	034	10.00		87	73	77	63	9	14	29.75	29.85				
18	OVC	042	10.00		78	70	73	76	13	17	29.71	29.82	18	BKN	060	10.00		84	75	78	74	11	13	29.73	29.83				
21	BKN	036	10.00		76	71	73	85	10	16	29.74	29.85	21	OVC	250	10.00		78	73	75	85	11	15	29.79	29.90				
24	OVC	032	9.00		75	71	72	88	9	17	29.75	29.86	24	BKN	250	10.00		75	72	73	90	3	17	29.81	29.92				
SUNRISE: 0527					MAY 17					SUNSET: 1908					SUNRISE: 0524					MAY 23					SUNSET: 1912				
03	OVC	017	10.00		74	70	71	88	9	17	29.75	29.86	03	SCT	018	8.00		72	71	71	97	3	01	29.80	29.91				
06	BKN	015	9.00		74	70	71	88	0	00	29.79	29.89	06	OVC	009	0.50	BR	74	73	73	97	7	09	29.85	29.95				
09	BKN	021	10.00		78	69	72	74	9	18	29.82	29.93	09	SCT	024	10.00		81	73	75	77	15	15	29.88	29.98				
12	SCT	029	10.00		85	71	75	63	3	18	29.82	29.93	12	BKN	047	10.00		85	73	77	68	15	15	29.90	30.01				
15	FEW	035	8.00		88	72	77	59	11	17	29.77	29.88	15	SCT	050	10.00		88	73	77	61	13	13	29.86	29.97				
18	SCT	030	3.00	HZ	83	71	75	67	13	16	29.76	29.87	18	FEW	035	10.00		84	72	76	67	16	12	29.82	29.93				
21	SCT	250	8.00		77	70	72	79	10	15	29.81	29.92	21	BKN	250	10.00		78	73	75	85	8	13	29.91	30.01				
24	OVC	011	10.00		75	71	72	88	13	16	29.81	29.91	24	SCT	250	10.00		75	73	74	94	6	13	29.94	30.05				
SUNRISE: 0527					MAY 18					SUNSET: 1909					SUNRISE: 0524					MAY 24					SUNSET: 1913				
03	OVC	016	10.00		76	71	73	85	8	18	29.81	29.91	03	CLR	NC	10.00		76	73	74	91	3	17	29.91	30.01				
06	OVC	015	7.00		76	71	73	85	9	18	29.83	29.94	06	BKN	250	6.00	BR	76	74	75	94	6	17	29.94	30.05				
09	FEW	250	7.00		81	70	74	69	10	17	29.85	29.96	09	OVC	250	10.00		82	73	76	74	8	13	30.00	30.11				
12	FEW	250	10.00		88	68	74	52	10	17	29.84	29.95	12	BKN	250	10.00		87	71	76	59	10	13	30.01	30.12				
15	SCT	250	10.00		90	68	75	48	13	16	29.79	29.90	15	BKN	250	10.00		87	68	74	53	21	14	29.96	30.06				
18	SCT	250	10.00		82	72	75	72	17	13	29.79	29.90	18	OVC	250	10.00		82	71	74	69	13	15	29.97	30.07				
21	SCT	250	10.00		77	70	72	79	15	17	29.79	29.90	21	OVC	250	10.00		78	71	73	79	5	16	29.98	30.10				
24	BKN	250	10.00		76	70	72	82	11	16	29.81	29.91	24	SCT	250	10.00		74	72	73	94	0	00	30.01	30.11				

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2013

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: 0523					MAY 25					SUNSET: 1913				
03	BKN	200	10.00		72	71	71	97	5	10	29.98	30.09		
06	BKN	250	9.00		74	73	73	97	6	11	30.01	30.12		
09	BKN	200	10.00		80	73	75	79	11	14	30.03	30.15		
12	OVC	200	10.00		83	69	74	63	14	13	30.03	30.15		
15	OVC	250	10.00		83	70	74	65	14	12	30.00	30.10		
18	OVC	250	10.00		80	71	74	74	16	14	29.96	30.07		
21	BKN	250	10.00		78	72	74	82	7	11	29.98	30.09		
24	BKN	250	10.00		76	72	73	88	5	15	29.98	30.09		
SUNRISE: 0523					MAY 26					SUNSET: 1914				
03	BKN	250	10.00		75	71	72	88	7	14	29.96	30.07		
06	BKN	250	7.00		75	72	73	90	0	00	29.98	30.09		
09	BKN	170	10.00		83	71	75	67	13	16	30.00	30.10		
12	SCT	160	10.00		87	67	74	51	9	17	29.98	30.09		
15	SCT	250	10.00		88	70	76	55	14	15	29.93	30.04		
18	SCT	250	10.00		82	68	73	63	15	14	29.91	30.01		
21	SCT	250	10.00		78	69	72	74	10	16	29.94	30.04		
24	SCT	250	10.00		75	70	72	84	6	16	29.93	30.04		
SUNRISE: 0523					MAY 27					SUNSET: 1915				
03	SCT	250	10.00		74	71	72	91	5	17	29.90	30.00		
06	SCT	250	10.00		72	70	71	94	3	18	29.91	30.01		
09	BKN	250	10.00		83	70	74	65	11	17	29.93	30.03		
12	BKN	250	10.00		86	67	73	53	17	16	29.91	30.01		
15	FEW	041	10.00		87	69	75	55	17	16	29.84	29.95		
18	BKN	046	10.00		84	69	74	61	16	16	29.81	29.92		
21	SCT	250	10.00		78	70	73	76	11	17	29.85	29.96		
24	BKN	250	10.00		76	71	73	85	9	16	29.85	29.96		
SUNRISE: 0522					MAY 28					SUNSET: 1915				
03	BKN	250	10.00		75	70	72	84	9	17	29.80	29.90		
06	BKN	250	10.00		76	70	72	82	8	16	29.81	29.92		
09	BKN	250	10.00		83	69	74	63	16	16	29.83	29.94		
12	SCT	060	10.00		88	65	73	46	11	16	29.81	29.92		
15	BKN	090	10.00		85	72	76	65	15	13	29.79	29.90		
18	BKN	080	10.00		82	70	74	67	18	16	29.77	29.87		
21	SCT	250	10.00		78	70	73	76	14	15	29.78	29.88		
24	SCT	250	10.00		77	71	73	82	14	15	29.80	29.90		
SUNRISE: 0522					MAY 29					SUNSET: 1916				
03	SCT	250	10.00		77	71	73	82	13	16	29.77	29.88		
06	BKN	250	10.00		77	71	73	82	9	16	29.75	29.86		
09	BKN	250	10.00		81	71	74	72	13	16	29.78	29.89		
12	OVC	250	10.00		85	71	75	63	23	15	29.76	29.86		
15	OVC	250	10.00		83	71	75	67	21	13	29.72	29.83		
18	OVC	250	10.00		82	72	75	72	15	13	29.70	29.81		
21	SCT	250	10.00		79	72	74	79	16	15	29.74	29.85		
24	SCT	250	10.00		78	72	74	82	13	16	29.75	29.86		
SUNRISE: 0522					MAY 30					SUNSET: 1916				
03	SCT	044	10.00		78	73	75	85	13	15	29.73	29.83		
06	SCT	250	10.00		77	73	74	88	10	16	29.74	29.84		
09	SCT	021	10.00		83	72	75	70	20	16	29.77	29.87		
12	BKN	050	10.00		88	73	77	61	16	14	29.77	29.88		
15	BKN	055	10.00		89	73	78	59	20	15	29.73	29.83		
18	BKN	060	10.00		84	74	77	72	21	14	29.70	29.80		
21	BKN	060	10.00		80	74	76	82	10	15	29.75	29.86		
24	BKN	055	10.00		80	75	77	85	11	17	29.77	29.88		

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: 0521					MAY 31					SUNSET: 1917				
03	BKN	060	10.00		80	75	77	85	8	17	29.74	29.84		
06	BKN	065	10.00		79	75	76	88	8	18	29.77	29.87		
09	BKN	050	10.00		86	74	78	67	9	18	29.80	29.90		
12	BKN	065	10.00		91	72	78	54	14	17	29.77	29.87		
15	BKN	070	10.00		91	72	78	54	17	17	29.73	29.84		
18	CLR	NC	10.00		88	72	77	59	13	17	29.72	29.82		
21	SCT	023	10.00		81	74	76	79	16	16	29.74	29.85		
24	SCT	017	10.00		79	75	76	88	10	16	29.74	29.85		

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.

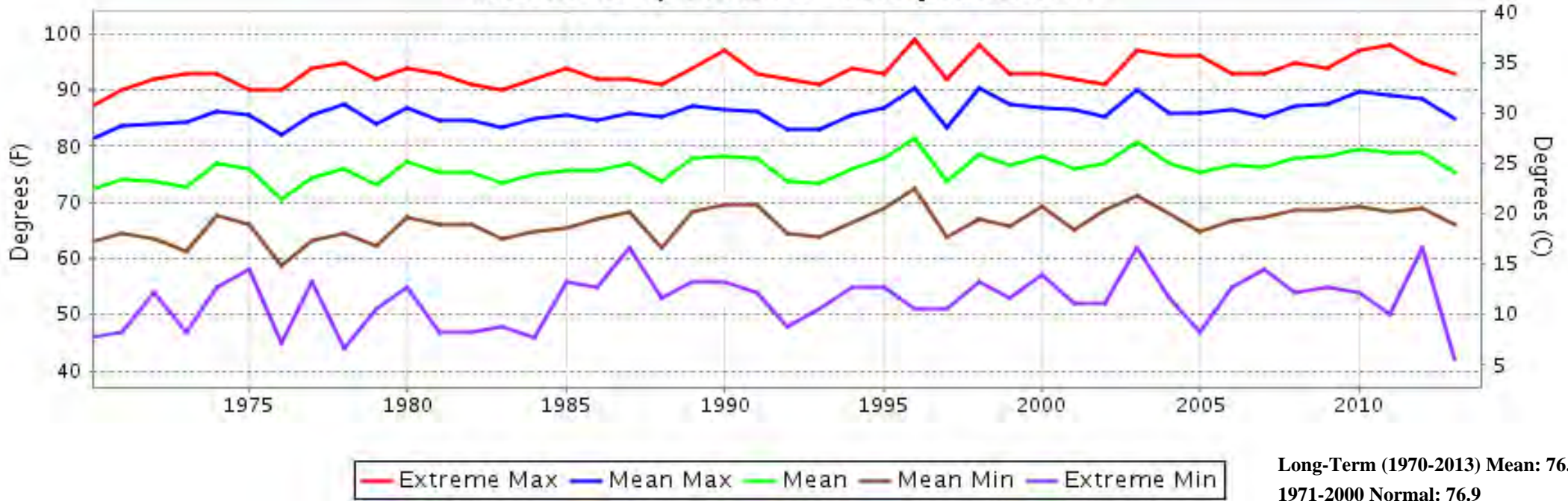
& = Original observation contained additional weather elements.

See page 3 for additional notes.

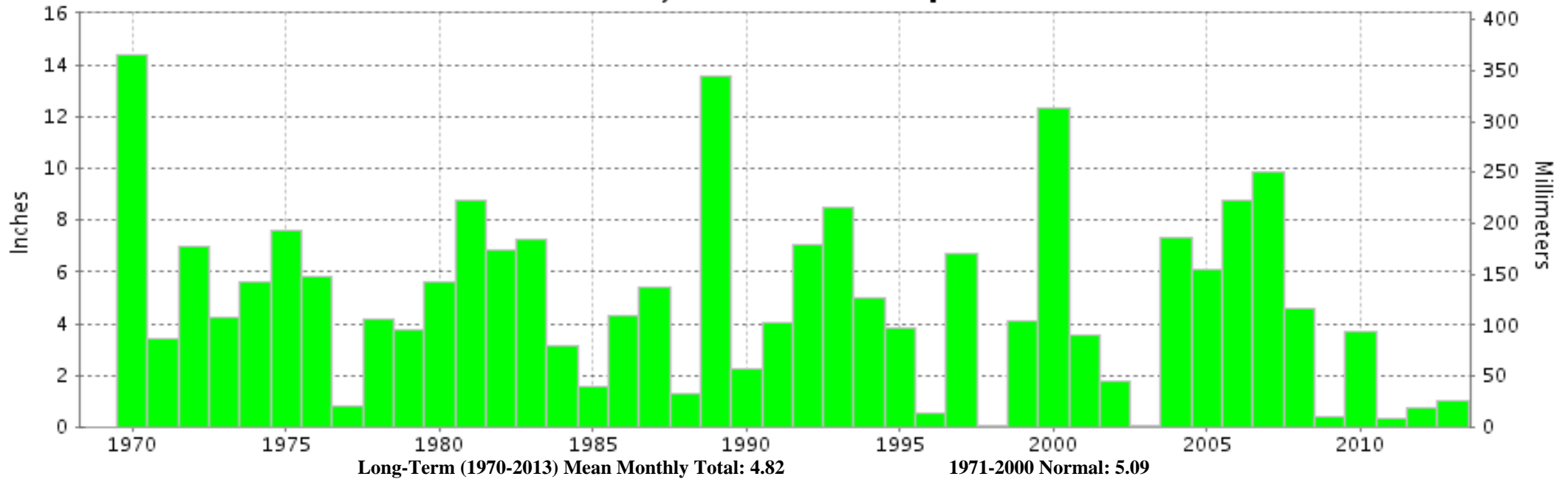
SUMMARY BY HOUR

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	69	64	66	83	29.87	29.98	9.83	6	4	17
02	69	64	66	84	29.86	29.97	9.77	6	5	17
03	69	64	66	85	29.86	29.96	9.71	6	4	16
04	68	63	65	86	29.86	29.97	9.77	6	4	16
05	68	63	65	86	29.87	29.98	9.32	6	4	16
06	68	64	65	87	29.88	29.99	8.47	6	5	16
07	70	64	67	84	29.89	30.00	8.50	8	4	14
08	73	64	68	76	29.91	30.01	8.97	10	5	14
09	76	64	68	68	29.91	30.02	9.65	11	4	14
10	78	63	69	63	29.91	30.02	9.87	11	4	15
11	80	63	69	58	29.91	30.02	9.84	12	4	14
12	81	62	70	55	29.89	30.00	10.00	12	5	14
13	82	62	70	52	29.88	29.99	9.94	13	5	13
14	83	62	70	52	29.86	29.97	9.97	13	5	13
15	83	62	70	53	29.85	29.95	9.84	13	6	13
16	82	63	70	53	29.84	29.94	9.71	14	6	12
17	81	63	70	56	29.83	29.93	9.84	14	5	13
18	79	63	69	60	29.83	29.93	9.68	13	6	12
19	77	63	68	65	29.84	29.94	9.61	12	6	12
20	75	63	68	69	29.85	29.96	9.81	11	5	13
21	73	64	68	72	29.87	29.98	9.81	9	4	14
22	72	64	67	76	29.88	29.99	9.84	9	4	15
23	71	65	67	80	29.88	29.99	9.65	8	4	15
24	71	65	67	82	29.88	29.99	9.84	6	4	17

HOUSTON, TX MAY Temperatures



HOUSTON, TX MAY Precipitation





MAY 2013
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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