

Weather Observations

Twenty (20) pages total including this cover

☺ Unedited Surface Weather Observations ☺

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You have selected the following station: TAMPA, FL

Select an Available Date:

(SEP 01, 2002 - NOV 02, 2004)

Oct ▼ 17 ▼ 2004

[Explanation of codes used in the forms.](#)

Station Information	
WBAN #:	92816
Call Sign:	VDF
Latitude:	28° 01'
Longitude:	-82° 21'
Detailed Station Description	

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10B - Unedited Daily Summaries

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Unedited Surface Weather Observations (METAR/SPEC)						Latitude	Longitude	Station Elev. (ft)	Time Conversion	Day	Mon.	Year	SID	Station (Type, Name)
						28° 01'	-82° 21'	0		17	10	2004	VDF	TAMPA, FL
WIND					VISIBILITY			SKY CONDITIONS			TEMP	DEW POINT	ALTI-METER	REMARKS
TIME (LST)	DIR TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)	PRESENT WEATHER				°C	°C	INS.	
1	2	3	4	5	6	7	8	9			10	11	12	13
S0042	000	0			9			CLR			14	14	A3006	
S0144	000	0			7			CLR			13	13	A3006	
S0242	000	0			6			CLR			13	13	A3005	
S0342	000	0			8			CLR			13	13	A3005	
S0442	000	0			6			CLR			13	12	A3006	
S0542	000	0			5			CLR			12	12	A3007	
S0642	000	0			4			BKN001			12	12	A3009	
S0746	000	0			6			CLR			16	15	A3010	
S0842	000	0			10			CLR			20	15	A3012	
S0942	000	0			10			CLR			23	14	A3013	
S1042	000	0			10			CLR			26	15	A3012	
S1142	000	0			10			CLR			27	14	A3011	
S1242	150	3			10			CLR			27	14	A3008	
S1342	VRB	4			10			CLR			28	14	A3005	
S1442	110	4			10			CLR			28	14	A3004	
S1542	140	4			10			CLR			28	14	A3003	
S1646	110	4			10			CLR			27	14	A3002	
S1742	000	0			10			CLR			25	16	A3002	
S1842	000	0			10			CLR			20	17	A3003	
S1942	000	0			10			CLR			19	17	A3004	
S2042	080	3			10			CLR			19	16	A3004	
S2142	100	3			10			CLR			21	17	A3006	
S2242	120	5			10			CLR			21	18	A3005	
S2342	100	3			10			CLR			21	18	A3004	

Unedited Surface Weather Observations (METAR/SPEC)					Latitude	Longitude	Station Elev. (ft)	Time Conversion	Day	Mon.	Year	SID	Station (Type, Name)
					27° 58'	-82° 32'	8	+5	17	10	2004	TPA	ASOS TAMPA, FL
TIME (LST) P E	WIND				VISIBILITY		PRESENT WEATHER	SKY CONDITIONS	TEMP °C	DEW POINT °C	ALTI-METER INS.	REMARKS A	
	DIR TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)							
1	2	3	4	5	6	7	8	9	10	11	12	13	
S0053	070	3			10				CLR	18	15	A3005	SLP176 T0178015
S0153	100	3			10				CLR	17	15	A3005	SLP174 T0172015
S0253	000	0			10				CLR	17	15	A3004	SLP172 T0172015
S0353	000	0			10				CLR	17	14	A3004	SLP172 T0167014
S0453	000	0			10				CLR	17	14	A3005	SLP174 T0167014
S0553	000	0			10				CLR	16	13	A3007	SLP181 T0161013
S0653	000	0			10				CLR	16	13	A3008	SLP187 T0161013
S0753	000	0			10				CLR	19	14	A3010	SLP192 T0194014
S0853	000	0			10				CLR	22	14	A3012	SLP198 T0217014
S0953	VRB	4			10				CLR	23	14	A3012	SLP198 T0228014
S1053	240	6			10				CLR	24	16	A3011	SLP196 T0244015
S1153	220	6			10				FEW250	24	15	A3010	SLP191 T0244015
S1253	VRB	5			10				CLR	26	16	A3006	SLP180 T0256015
S1353	250	6			10				FEW250	26	16	A3004	SLP171 T0261015
S1453	250	6			10				CLR	26	15	A3003	SLP167 T0261015
S1553	260	6			10				CLR	27	14	A3001	SLP162 T0267014
S1653	VRB	5			10				FEW250	27	13	A3000	SLP159 T0272013
S1753	090	4			10				FEW250	26	13	A3001	SLP160 T0261012
S1853	000	0			10				CLR	24	14	A3002	SLP163 T0239014
S1953	000	0			10				FEW250	23	14	A3003	SLP167 T0233014
S2053	VRB	4			10				FEW050	23	14	A3004	SLP171 T0233014
S2153	110	6			10				FEW050	23	17	A3005	SLP174 T0233017
S2253	110	7			10				CLR	23	18	A3004	SLP171 T0228017
S2353	120	7			10				FEW050	22	18	A3003	SLP169 T0222017

Unedited Surface Weather Observations (METAR/SPEC)						Latitude 29° 44'	Longitude -85° 02'	Station Elev. (ft) 19	Time Conversion +5	Day 17	Mon. 10	Year 2004	SID AAF	Station (Type, Name) ASOS APALACHIC
TIME (LST) P E	WIND				VISIBILITY		PRESENT WEATHER	SKY CONDITIONS	TEMP °C	DEW POINT °C	ALTI- METER INS.	REMARKS A		
	DIR TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)								
1	2	3	4	5	6	7	8	9	10	11	12	13		
S 0056	000	0			10			CLR		17	16	A3001	SLP163 T0167015	
S 0156	000	0			10			FEW029		17	16	A3001	SLP161 T0172015	
S 0235	210	3			10			BKN027 BKN034		18	16	A3001	TSNO	
S 0256	000	0			10			BKN025 OVC031		18	17	A3001	SLP160 T0183016	
S 0356	000	0			10			SCT027		19	18	A3001	SLP163 T0194017	
S 0403	000	0			10			BKN027		19	18	A3001	TSNO	
S 0456	000	0			10			BKN025 OVC033		19	18	A3002	SLP167 T0194018	
S 0512	000	0			10			FEW026 SCT031 BKN080		19	18	A3003	TSNO	
S 0556	000	0			10			FEW033 BKN045		19	18	A3004	SLP171 T0189017	
S 0656	000	0			10			BKN047		18	18	A3005	SLP177 T0183017	
S 0756	040	3			10			CLR		21	19	A3007	SLP182 T0211019	
S 0856	050	5			10			CLR		24	19	A3008	SLP186 T0239019	
S 0956	030	4			10			CLR		26	18	A3009	SLP188 T0256018	
S 1056	280	3			10			OVC032		26	18	A3008	SLP185 T0261018	
S 1156	170	8			10			CLR		26	19	A3007	SLP182 T0261018	
S 1256	160	9			10			CLR		26	19	A3005	SLP175 T0261019	
S 1356	170	11			10			CLR		26	19	A3003	SLP167 T0261019	
S 1456	170	10			10			CLR		26	19	A3001	SLP162 T0256019	
S 1556	200	10			10			CLR		26	20	A3001	SLP161 T0256020	
S 1656	200	8			10			CLR		24	19	A3001	SLP162 T0244019	
S 1756	190	7			10			CLR		23	19	A3001	SLP160 T0233018	
S 1856	200	8			10			FEW100		23	19	A3000	SLP160 T0228018	
S 1956	190	6			10			CLR		23	19	A3002	SLP164 T0228018	
S 2056	190	6			10			CLR		22	18	A3003	SLP169 T0222018	
S 2156	170	7			10			CLR		22	18	A3003	SLP168 T0222018	
S 2256	170	6			10			FEW090		22	18	A3002	SLP167 T0217018	
S 2356	000	0			10			CLR		21	18	A3003	SLP168 T0211017	

Unedited Surface Weather Observations (METAR/SPEC)							Latitude 29° 44'	Longitude -85° 02'	Station Elev. (ft) 19	Time Conversion +5	Day 17	Mon. 10	Year 2004	SID AAF	Station (Type, Name) ASOS APALACHIC
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SYNOPTIC DATA

Time (lst)	Total Sky Cover	Temp Dry Bulb (°C)	Dew Point (°C)	Temp Wet Bulb (°C)	Rel. Hum. (%)	Station Press. (ins)	Press. Tend.	Net 3-hr Change	Hourly Precip. (ins)	HR	Time	NO	Low Cloud Type	Med Cloud Type	High Cloud Type	Max Temp (.1 C)	Min Temp (.1 C)	Precip (Ins)	Snow Fall (ins)	Snow Depth (ins)	Stati Pres (ins)
16	17	18	19	20	21	22	23	24	25		26	27	28	29	30	31	32	33	34	35	36
0056		16.7	15.6	16.1	93	29.99	1	003	.00	00-01											
0156		17.2	15.6	16.3	90	29.99			.00	01-02											
0256		18.3	16.7	17.3	90	29.99			.00	02-03											
0356		19.4	17.8	18.4	91	29.99	5	000	.00	03-04											
WEATHER AND OBSTRUCTION TO VISION																					
0456		19.4	18.3	18.7	93	30.00			.00	04-05	Type 40	Begin 41	Ended 42		Type 40	Begin 41	Ended 42		Type 40	Begin 41	End 42
0556		18.9	17.8	18.2	93	30.02			.00	05-06											
0656		18.3	17.8	18.0	97	30.03	3	015	.00	06-07											
0756		21.1	19.4	20.0	90	30.05			.00	07-08											
0856		23.9	19.4	21.0	76	30.06			.00	08-09											
0956		25.6	18.3	20.9	64	30.07	1	012	.00	09-10											
1056		26.1	18.3	21.1	62	30.06			.00	10-11											
1156		26.1	18.9	21.4	65	30.05			.00	11-12											
1256		26.1	19.4	21.7	67	30.03	8	014	.00	12-13											
1356		26.1	19.4	21.7	67	30.01			.00	13-14											
1456		25.6	19.4	21.5	69	29.99			.00	14-15											
1556		25.6	20.0	21.9	71	29.99	6	014	.00	15-16											
1656		24.4	19.4	21.1	74	29.99			.00	16-17											
1756		23.3	18.9	20.5	76	29.99			.00	17-18											
1856		22.8	18.9	20.3	79	29.98	8	001	.00	18-19											
1956		22.8	18.9	20.3	79	30.00			.00	19-20											
2056		22.2	18.3	19.7	79	30.01			.00	20-21											
2156		22.2	18.3	19.7	79	30.01	0	008	.00	21-22											
2256		21.7	18.3	19.6	81	30.00			.00	22-23											
2356		21.1	17.8	19.0	82	30.01			.00	23-24											

SUMMARY OF THE DAY (MIDNIGHT TO MIDNIGHT)

PEAK WINDS			FASTEST 2-MIN WIND			SKY COVER						OTHER DATA						
Speed (mph)	Direction	Time (lst)	Speed (mph)	Direction	Time (lst)	Sunrise Time (lst)	Sunset Time (lst)	Total Sunshine (min)	Percent of PSBL Sunshine	Character Sunrise	Character Sunset	Sunrise to Sunset	Midnight to Midnight	24-hr Max Temp (0.1 C)	24-hr Min Temp (0.1 C)	24-hr Precip Water Equiv (ins)	24-hr Snow Fall unmltd	12 U Sn De (in)
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	6
16	170	1415	14	170	1412			0	0					27.2	16.7	0.00		

REMARKS, NOTES AND MISCELLANEOUS PHENOMENA 65: Time Check-Clock Correct To The Nearest

 **NCDC / Climate-Radar Data Inventories / Locate Station / Search**

Tampa International Airport

Tampa, FL, United States

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Type* : ASOS ASOS-NWS COOP

Call Sign/ICS* : TPA / KTPA

WBAN* : 12842

COOP ID* : 088788

Climate : FL-04 - South Central

Division*

WMO ID* : 72211

In Service* : 01 Nov 1933 to Present

Elevation* : 5.8m (19') above s/l

Lat/Lon* : 27°58'N / 82°32'W

County* : Hillsborough



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- [DATA](#)
- [Station History](#)
- [State Climatologist](#)
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 - [Regional Forecast Office](#)
 - [Current Weather Conditions](#)
 - [Current Weather Forecast](#)
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- [Sunrise/Sunset](#)

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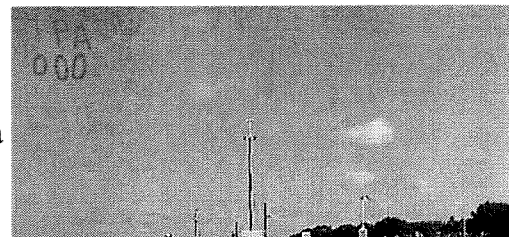
[Tampa Drew Field AAF](#)

[Tampa Fowler Ave](#)

[Tampa Vandenberg Airport](#)

About this Station

Tampa is on west central coast of the Florida Peninsula. Very near the Gulf of Mexico at the upper end of Tampa Bay, land and sea breezes modify the subtropical climate. Major rivers flowing into the area are the Hillsborough, the Alafia, and the Little Manatee.



Center for Operational Oceanographic Products and Services Data Disclaimer
 These raw data have not been subjected to the National Ocean Service's quality control quality assurance procedures and do not meet the criteria and standards of official Ocean Service data. They are released for limited public use as preliminary data to be used only with appropriate caution.

Water Temperature (E1)

Station -- Unique seven character identifier for the station
 D -- A one character identifier for the data collection platform (DCP) at a station
 SE -- A two character identifier for the data sensor
 Date Time -- Date and time the data were collected by the DCP
 WT -- Water Temperature in degrees Centigrade
 X -- A flag that when set to 1 indicates that the maximum expected water temperature was exceeded
 N -- A flag that when set to 1 indicates that the minimum expected water temperature was exceeded
 R -- A flag that when set to 1 indicates that the rate of change tolerance limit was exceeded

Times are on UTC (GMT)

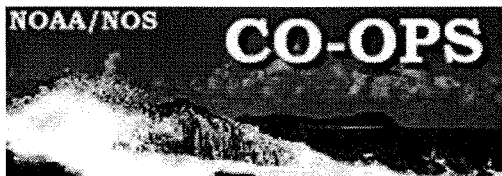
8726724-ClearwaterBeach,FL from 20041017 to 20041017

Station	D	SE	Date	Time	WT	X	N	R
8726724	1	E1	2004/10/17	00:00	24.3	0	0	0
8726724	1	E1	2004/10/17	01:00	24.2	0	0	0
8726724	1	E1	2004/10/17	02:00	24.3	0	0	0
8726724	1	E1	2004/10/17	03:00	24.2	0	0	0
8726724	1	E1	2004/10/17	04:00	24.3	0	0	0
8726724	1	E1	2004/10/17	05:00	24.1	0	0	0
8726724	1	E1	2004/10/17	06:00	24.1	0	0	0
8726724	1	E1	2004/10/17	07:00	24.2	0	0	0
8726724	1	E1	2004/10/17	08:00	24.2	0	0	0
8726724	1	E1	2004/10/17	09:00	24.2	0	0	0
8726724	1	E1	2004/10/17	10:00	24.3	0	0	0
8726724	1	E1	2004/10/17	11:00	23.8	0	0	0
8726724	1	E1	2004/10/17	12:00	23.8	0	0	0
8726724	1	E1	2004/10/17	13:00	23.6	0	0	0
8726724	1	E1	2004/10/17	14:00	23.8	0	0	0
8726724	1	E1	2004/10/17	15:00	23.7	0	0	0
8726724	1	E1	2004/10/17	16:00	24.0	0	0	0
8726724	1	E1	2004/10/17	17:00	24.3	0	0	0
8726724	1	E1	2004/10/17	18:00	24.5	0	0	0
8726724	1	E1	2004/10/17	19:00	24.6	0	0	0
8726724	1	E1	2004/10/17	20:00	24.5	0	0	0
8726724	1	E1	2004/10/17	21:00	24.5	0	0	0
8726724	1	E1	2004/10/17	22:00	24.8	0	0	0
8726724	1	E1	2004/10/17	23:00	24.7	0	0	0

YYYY	MM	DD	hh	WD	WSPD	GST	WVHT	DPD	APD	MWD	BAR	ATMP	WTMP	DEWP	VIS	TID
2004	07	01	00	999	99.0	99.0	99.00	99.00	99.00	999	1018.0	28.9	999.0	999.0	99.0	99.0
2004	07	01	01	999	99.0	99.0	99.00	99.00	99.00	999	1018.3	28.8	999.0	999.0	99.0	99.0
2004	07	01	02	999	99.0	99.0	99.00	99.00	99.00	999	1019.2	28.7	999.0	999.0	99.0	99.0
2004	07	01	03	999	99.0	99.0	99.00	99.00	99.00	999	1019.8	28.4	999.0	999.0	99.0	99.0
2004	07	01	04	999	99.0	99.0	99.00	99.00	99.00	999	1020.3	28.4	999.0	999.0	99.0	99.0
2004	07	01	05	999	99.0	99.0	99.00	99.00	99.00	999	1020.1	28.2	999.0	999.0	99.0	99.0
2004	07	01	06	999	99.0	99.0	99.00	99.00	99.00	999	1019.7	28.6	999.0	999.0	99.0	99.0
2004	07	01	07	999	99.0	99.0	99.00	99.00	99.00	999	1018.9	28.1	999.0	999.0	99.0	99.0
2004	07	01	08	999	99.0	99.0	99.00	99.00	99.00	999	1018.4	27.6	999.0	999.0	99.0	99.0
2004	07	01	09	999	99.0	99.0	99.00	99.00	99.00	999	1018.3	28.4	999.0	999.0	99.0	99.0
2004	07	01	10	999	99.0	99.0	99.00	99.00	99.00	999	1018.5	28.8	999.0	999.0	99.0	99.0
2004	07	01	11	999	99.0	99.0	99.00	99.00	99.00	999	1018.9	28.4	999.0	999.0	99.0	99.0
2004	07	01	12	999	99.0	99.0	99.00	99.00	99.00	999	1019.3	29.1	999.0	999.0	99.0	99.0
2004	07	01	13	999	99.0	99.0	99.00	99.00	99.00	999	1020.0	27.7	999.0	999.0	99.0	99.0
2004	07	01	14	999	99.0	99.0	99.00	99.00	99.00	999	1020.2	28.7	999.0	999.0	99.0	99.0
2004	07	01	15	999	99.0	99.0	99.00	99.00	99.00	999	1020.6	28.5	999.0	999.0	99.0	99.0
2004	07	01	16	999	99.0	99.0	99.00	99.00	99.00	999	1020.9	28.2	999.0	999.0	99.0	99.0
2004	07	01	17	999	99.0	99.0	99.00	99.00	99.00	999	1020.5	29.2	999.0	999.0	99.0	99.0
2004	07	01	18	999	99.0	99.0	99.00	99.00	99.00	999	1019.8	28.8	999.0	999.0	99.0	99.0
2004	07	01	19	999	99.0	99.0	99.00	99.00	99.00	999	1019.4	29.6	999.0	999.0	99.0	99.0
2004	07	01	20	999	99.0	99.0	99.00	99.00	99.00	999	1018.7	29.4	999.0	999.0	99.0	99.0
2004	07	01	21	999	99.0	99.0	99.00	99.00	99.00	999	1018.4	29.6	999.0	999.0	99.0	99.0
2004	07	01	22	999	99.0	99.0	99.00	99.00	99.00	999	1017.7	30.3	999.0	999.		

Unedited Surface Weather Observations (METAR/SPEC)						Latitude 27° 58'	Longitude -82° 32'	Station Elev. (ft) 8	Time Conversion +5	Day 17	Mon. 10	Year 2004	SID TPA
WIND						VISIBILITY							
T Y P E	TIME (LST)	DIR TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)	PRESENT WEATHER	SKY CONDITIONS		TEMP °C	DEW POINT °C	ALTI- METEF INS.
1	2	3	4	5	6	7	8	9	10		11	12	13
S	0053	070	3			10			CLR		18	15	A3005
S	0153	100	3			10			CLR		17	15	A3005
S	0253	000	0			10			CLR		17	15	A3004
S	0353	000	0			10			CLR		17	14	A3004
S	0453	000	0			10			CLR		17	14	A3005
S	0553	000	0			10			CLR		16	13	A3007
S	0653	000	0			10			CLR		16	13	A3008
S	0753	000	0			10			CLR		19	14	A3010
S	0853	000	0			10			CLR		22	14	A3012
S	0953	VRB	4			10			CLR		23	14	A3012
S	1053	240	6			10			CLR		24	16	A3011
S	1153	220	6			10			FEW250		24	15	A3010
S	1253	VRB	5			10			CLR		26	16	A3006
S	1353	250	6			10			FEW250		26	16	A3004
S	1453	250	6			10			CLR		26	15	A3003
S	1553	260	6			10			CLR		27	14	A3001
S	1653	VRB	5			10			FEW250		27	13	A3000
S	1753	090	4			10			FEW250		26	13	A3001
S	1853	000	0			10			CLR		24	14	A3002
S	1953	000	0			10			FEW250		23	14	A3003
S	2053	VRB	4			10			FEW050		23	14	A3004
S	2153	110	6			10			FEW050		23	17	A3005
S	2253	110	7			10			CLR		23	18	A3004
S	2353	120	7			10			FEW050		22	18	A3003

Unedited Surface Weather Observations (METAR/SPEC)							Latitude	Longitude	Station Elev. (ft)	Time Conversion	Day	Mon.	Year	SID	Station				
							27° 58'	-82° 32'	8	+5	17	10	2004	TPA	ASOS T				
SYNOPTIC DATA																			
Time (lst)	Total Sky Cover	Temp Dry Bulb (°C)	Dew Point (°C)	Temp Wet Bulb (°C)	Rel. Hum. (%)	Station Press. (ins)	Press. Tend.	Net 3-hr Change	Hourly Precip. (ins)	Time	NO	Low Cloud Type	Med Cloud Type	High Cloud Type	Max Temp (.1 C)	Min Temp (.1 C)	Precip (Ins)	Snow Fall (ins)	
16	17	18	19	20	21	22	23	24	25	HR	26	27	28	29	30	31	32	33	34
0053		17.8	15.0	16.2	84	30.04	6	002	.00	00-01									
0153		17.2	15.0	15.9	87	30.04			.00	01-02									
0253		17.2	15.0	15.9	87	30.03			.00	02-03									
0353		16.7	14.4	15.4	86	30.03	5	003	.00	03-04									
0453		16.7	14.4	15.4	86	30.04			.00	04-05									
0553		16.1	13.3	14.5	84	30.06			.00	05-06									
0653		16.1	13.3	14.5	84	30.07	3	015	.00	06-07	WEATHER AND OBSTRUCTION TO								
0753		19.4	14.4	16.5	73	30.09			.00	07-08	Type 40	Begin 41	Ended 42	Type 40	Begin 41	Ended 42	Type 40		
0853		21.7	14.4	17.3	63	30.11			.00	08-09									
0953		22.8	14.4	17.8	59	30.11	1	012	.00	09-10									
1053		24.4	15.6	19.0	58	30.10			.00	10-11									
1153		24.4	15.0	18.6	56	30.09			.00	11-12									
1253		25.6	15.6	19.4	54	30.05	8	018	.00	12-13									
1353		26.1	15.6	19.6	52	30.03			.00	13-14									
1453		26.1	15.0	19.2	50	30.02			.00	14-15									
1553		26.7	14.4	19.1	47	30.00	6	018	.00	15-16									
1653		27.2	13.3	18.7	42	29.99			.00	16-17									
1753		26.1	12.8	18.1	44	30.00			.00	17-18									
1853		23.9	14.4	18.1	55	30.01	3	002	.00	18-19									
1953		23.3	14.4	17.9	57	30.02			.00	19-20									
2053		23.3	14.4	17.9	57	30.03			.00	20-21									
2153		23.3	17.2	19.5	69	30.04	1	010	.00	21-22									
2253		22.8	17.8	19.6	74	30.03			.00	22-23									
2353		22.2	17.8	19.4	76	30.02			.00	23-24									
SUMMARY OF THE DAY (MIDNIGHT TO MIDNIGHT)																			
PEAK WINDS			FASTEST 2-MIN WIND									SKY COVER							
Speed (mph)	Direction	Time (lst)	Speed (mph)	Direction	Time (lst)	Sunrise Time (lst)	Sunset Time (lst)	Total Sunshine (min)	Percent of PSBL Sunshine	Character Sunrise	Character Sunset	Sunrise to Sunset	Midnight to Midnight	24-hr Max Temp (0.1 C)	24-hr Min Temp (0.1 C)	24-hr Precip (ins)	24-hr Snow (ins)		
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58				
16	090	2239	12	110	2240	630	1757	687	100					27.2	15.6	0.00			
REMARKS, NOTES AND MISCELLANEOUS PHENOMENA 65:														Time Check-Clock Cor					



Center for Operational Oceanographic Products and Services (CO-OPS)

Station Information for Clearwater Beach, FL

Water Level Station Information:

Station Name: **Clearwater Beach, FL**

Station Identification Number: **8726724**

Latitude: **27° 58.7' N**

Longitude: **82° 49.9' W**

Date Established: **Apr 19 1973**

Maximum Water Level: **4.05 ft. above MHHW**
(03/13/1993)

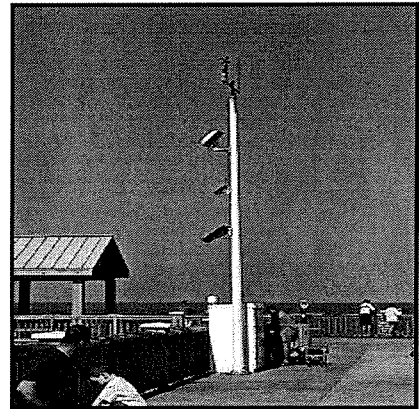
Minimum Water Level: **-2.54 ft. below MLLW**
(01/19/1977)

Mean Range: **1.87 ft.**

Diurnal Range: **2.74 ft.**

Tidal and Geodetic Datums: **Click [HERE](#)**

Bench Mark Data Sheet: **Click [HERE](#)**



Click image for larger image.

EPOCH Update Information: **NEW**

EPOCH Datum **Click** check datum differences between the old epoch
Comparison: **HERE -** (1960-1978) and the new epoch (1983-2001)

Superceded Bench Mark **Click** bench mark sheet on the old Tidal Datum Epoch
Data Sheet: **HERE -** (1960-1978)

Superceded Datums: **Click** datums on the old Tidal Datum Epoch (1960-1978)
HERE -

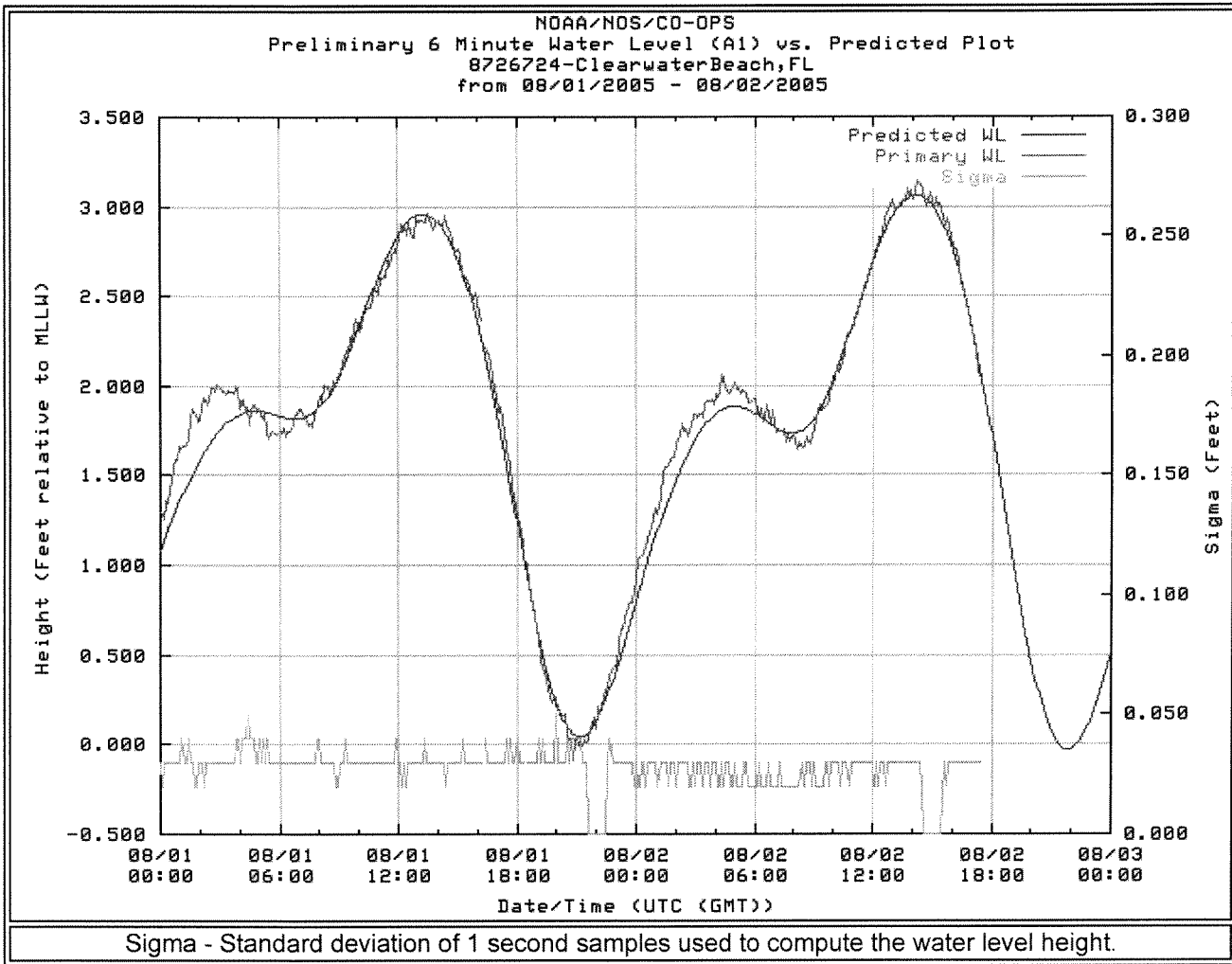
Mean Sea Level **Click** mean sea level differences between the two epochs
Differences List: **HERE -** for all stations.

Mean Sea Level Difference: for 8726724 Clearwater Beach, FL	1983- 2001	1960- 1978	Difference:
	3.18 ft.	3.02 ft.	0.16 ft.

Data Types Available:

- Primary Water Level
- Backup Water Level
- Wind
- Air Temperature
- Water Temperature
- Barometric Pressure
- Backup Water Level

Current Water Level Data Plot



Retrieve Data Listing

- Data Inventory
- Station Data Plots
- Water Level Data Listing (preliminary)
- Water Level Data Listing (historical)
- Meteorological/Oceanographic Data Listing

Location:

To reach the tidal bench marks from the intersection of U.S. Highway 19 and State Road 60 (Gulf to Bay Blvd.), proceed approximately 10 km (6 mi) west across Memorial Causeway to Causeway Boulevard, then across Gulfview Boulevard to the public parking area for Big Pier 60. The bench marks are located in the vicinity of the Clearwater Marina and the tide gage is located at the seaward end of Big Pier 60 just east of the T-end.

Station Location Map

Click [HERE](#) for Map

(Not for navigational use)

For other questions contact us at:

NOAA, National Ocean Service
Center for Operational Oceanographic
Products and Services (CO-OPS)
1305 East-West Highway
Silver Spring, Maryland 20910 U.S.A.

Telephone: 1-301-713-2877 or 2890
Fax: 1-301-713-4437
Website: <http://co-ops.nos.noaa.gov>
E-mail: Stephen.Lyles@noaa.gov

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[* Observations](#)

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[Station Locator](#)

[* Publications](#)

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[* Product Info.](#)

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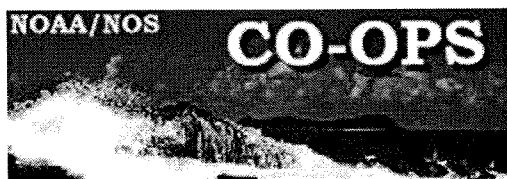
Water Temperature (E1)

Station -- Unique seven character identifier for the station
 D -- A one character identifier for the data collection platform (DCP) at a station
 SE -- A two character identifier for the data sensor
 Date Time -- Date and time the data were collected by the DCP
 WT -- Water Temperature in degrees Centigrade
 X -- A flag that when set to 1 indicates that the maximum expected water temperature was exceeded
 N -- A flag that when set to 1 indicates that the minimum expected water temperature was exceeded
 R -- A flag that when set to 1 indicates that the rate of change tolerance limit was exceeded

Times are on UTC (GMT)

8726724-ClearwaterBeach,FL from 20041017 to 20041017

Station	D	SE	Date	Time	WT	X	N	R
8726724	1	E1	2004/10/17	00:00	24.3	0	0	0
8726724	1	E1	2004/10/17	01:00	24.2	0	0	0
8726724	1	E1	2004/10/17	02:00	24.3	0	0	0
8726724	1	E1	2004/10/17	03:00	24.2	0	0	0
8726724	1	E1	2004/10/17	04:00	24.3	0	0	0
8726724	1	E1	2004/10/17	05:00	24.1	0	0	0
8726724	1	E1	2004/10/17	06:00	24.1	0	0	0
8726724	1	E1	2004/10/17	07:00	24.2	0	0	0
8726724	1	E1	2004/10/17	08:00	24.2	0	0	0
8726724	1	E1	2004/10/17	09:00	24.2	0	0	0
8726724	1	E1	2004/10/17	10:00	24.3	0	0	0
8726724	1	E1	2004/10/17	11:00	23.8	0	0	0
8726724	1	E1	2004/10/17	12:00	23.8	0	0	0
8726724	1	E1	2004/10/17	13:00	23.6	0	0	0
8726724	1	E1	2004/10/17	14:00	23.8	0	0	0
8726724	1	E1	2004/10/17	15:00	23.7	0	0	0
8726724	1	E1	2004/10/17	16:00	24.0	0	0	0
8726724	1	E1	2004/10/17	17:00	24.3	0	0	0
8726724	1	E1	2004/10/17	18:00	24.5	0	0	0
8726724	1	E1	2004/10/17	19:00	24.6	0	0	0
8726724	1	E1	2004/10/17	20:00	24.5	0	0	0
8726724	1	E1	2004/10/17	21:00	24.5	0	0	0
8726724	1	E1	2004/10/17	22:00	24.8	0	0	0
8726724	1	E1	2004/10/17	23:00	24.7	0	0	0



Center for Operational Oceanographic Products and Services (CO-OPS)

Station Information for Cedar Key, FL

Water Level Station Information:

Station Name: **Cedar Key, FL**

Station Identification Number: **8727520**

Latitude: **29° 8.1' N**

Longitude: **83° 1.9' W**

Date Established: **Mar 12 1914**

Maximum Water Level: **5.15 ft. above MHHW**
(10/07/1996)

Minimum Water Level: **-4.21 ft. below MLLW**
(09/18/1947)

Mean Range: **2.83 ft.**

Diurnal Range: **3.80 ft.**

Tidal and Geodetic Datums: **Click [HERE](#)**

Bench Mark Data Sheet: **Click [HERE](#)**

EPOCH Update Information: **NEW**

EPOCH Datum **Click** check datum differences between the old epoch
Comparison: **HERE** - (1960-1978) and the new epoch (1983-2001)

Superseded Bench Mark **Click** bench mark sheet on the old Tidal Datum Epoch
Data Sheet: **HERE** - (1960-1978)

Superseded Datums: **Click** datums on the old Tidal Datum Epoch (1960-1978)
HERE -

Mean Sea Level **Click** mean sea level differences between the two epochs
Differences List: **HERE** - for all stations.

Mean Sea Level Difference: for 8727520 Cedar Key, FL	1983- 2001	1960- 1978	Difference:
	3.84 ft.	3.70 ft.	0.14 ft.

Data Types Available:

Primary Water Level
Backup Water Level
Wind
Air Temperature
Water Temperature
Barometric Pressure

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Water Temperature (E1)

Station -- Unique seven character identifier for the station
 D -- A one character identifier for the data collection
 platform (DCP) at a station
 SE -- A two character identifier for the data sensor
 Date Time -- Date and time the data were collected by the DCP
 WT -- Water Temperature in degrees Centigrade
 X -- A flag that when set to 1 indicates that the
 maximum expected water temperature was exceeded
 N -- A flag that when set to 1 indicates that the
 minimum expected water temperature was exceeded
 R -- A flag that when set to 1 indicates that the rate
 of change tolerance limit was exceeded

Times are on UTC (GMT)

8727520-CedarKey,FL from 20041017 to 20041017

Station	D	SE	Date	Time	WT	X	N	R
8727520	1	E1	2004/10/17	10:00	-24.3	0	0	0
8727520	1	E1	2004/10/17	11:00	-21.0	0	0	0
8727520	1	E1	2004/10/17	12:00	-19.5	0	0	0
8727520	1	E1	2004/10/17	13:00	-17.2	0	0	0
8727520	1	E1	2004/10/17	14:00	-31.6	0	1	0

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Air Temperature (D1)

Station -- Unique seven character identifier for the station
 D -- A one character identifier for the data collection platform (DCP) at a station
 SE -- A two character identifier for the data sensor
 Date Time -- Date and time the data were collected by the DCP
 AT -- Air temperature in degrees Centigrade
 X -- A flag that when set to 1 indicates that the maximum expected air temperature was exceeded
 N -- A flag that when set to 1 indicates that the minimum expected air temperature was exceeded
 R -- A flag that when set to 1 indicates that the rate of change tolerance limit was exceeded

Times are on UTC (GMT)

8726724-ClearwaterBeach,FL from 20041017 to 20041017

Station	D	SE	Date	Time	AT	X	N	R
8726724	1	D1	2004/10/17	00:00	22.5	0	0	0
8726724	1	D1	2004/10/17	01:00	22.6	0	0	0
8726724	1	D1	2004/10/17	02:00	22.7	0	0	0
8726724	1	D1	2004/10/17	03:00	22.6	0	0	0
8726724	1	D1	2004/10/17	04:00	21.8	0	0	0
8726724	1	D1	2004/10/17	05:00	21.5	0	0	0
8726724	1	D1	2004/10/17	06:00	21.0	0	0	0
8726724	1	D1	2004/10/17	07:00	20.8	0	0	0
8726724	1	D1	2004/10/17	08:00	19.9	0	0	0
8726724	1	D1	2004/10/17	09:00	19.6	0	0	0
8726724	1	D1	2004/10/17	10:00	19.3	0	0	0
8726724	1	D1	2004/10/17	11:00	19.4	0	0	0
8726724	1	D1	2004/10/17	12:00	19.9	0	0	0
8726724	1	D1	2004/10/17	13:00	20.8	0	0	0
8726724	1	D1	2004/10/17	14:00	22.1	0	0	0
8726724	1	D1	2004/10/17	15:00	23.4	0	0	0
8726724	1	D1	2004/10/17	16:00	24.1	0	0	0
8726724	1	D1	2004/10/17	17:00	23.7	0	0	0
8726724	1	D1	2004/10/17	18:00	24.0	0	0	0
8726724	1	D1	2004/10/17	19:00	23.8	0	0	0
8726724	1	D1	2004/10/17	20:00	24.0	0	0	0
8726724	1	D1	2004/10/17	21:00	24.4	0	0	0
8726724	1	D1	2004/10/17	22:00	24.4	0	0	0
8726724	1	D1	2004/10/17	23:00	23.8	0	0	0