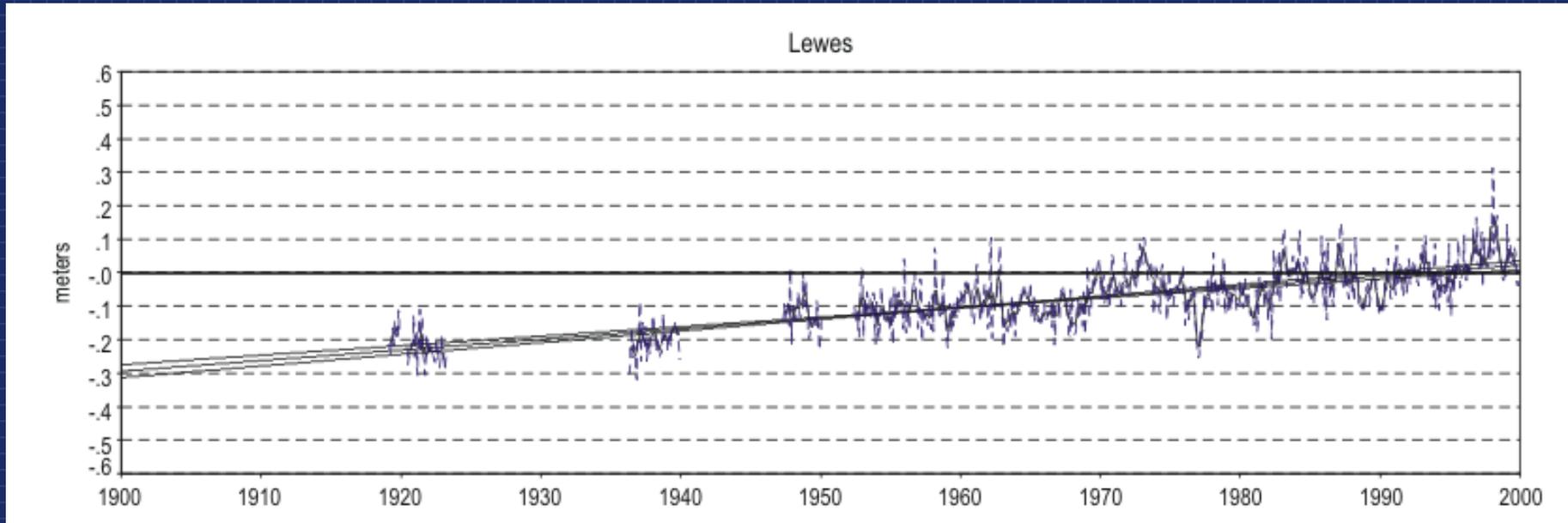


# Inland Bays Marsh Dieback Weather and Climate Data

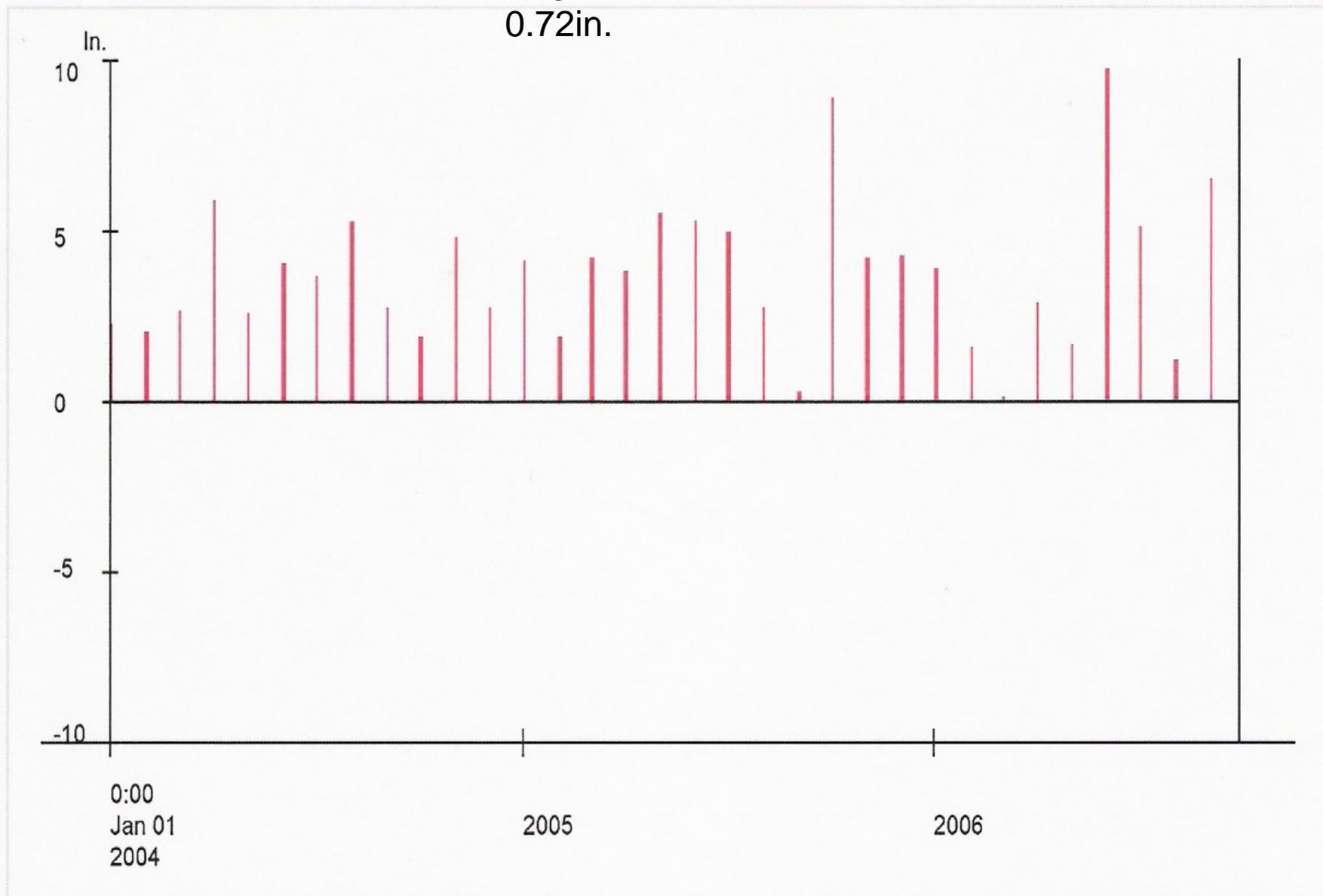
# Mean Sea Level Trend 8557380 Lewes, Delaware



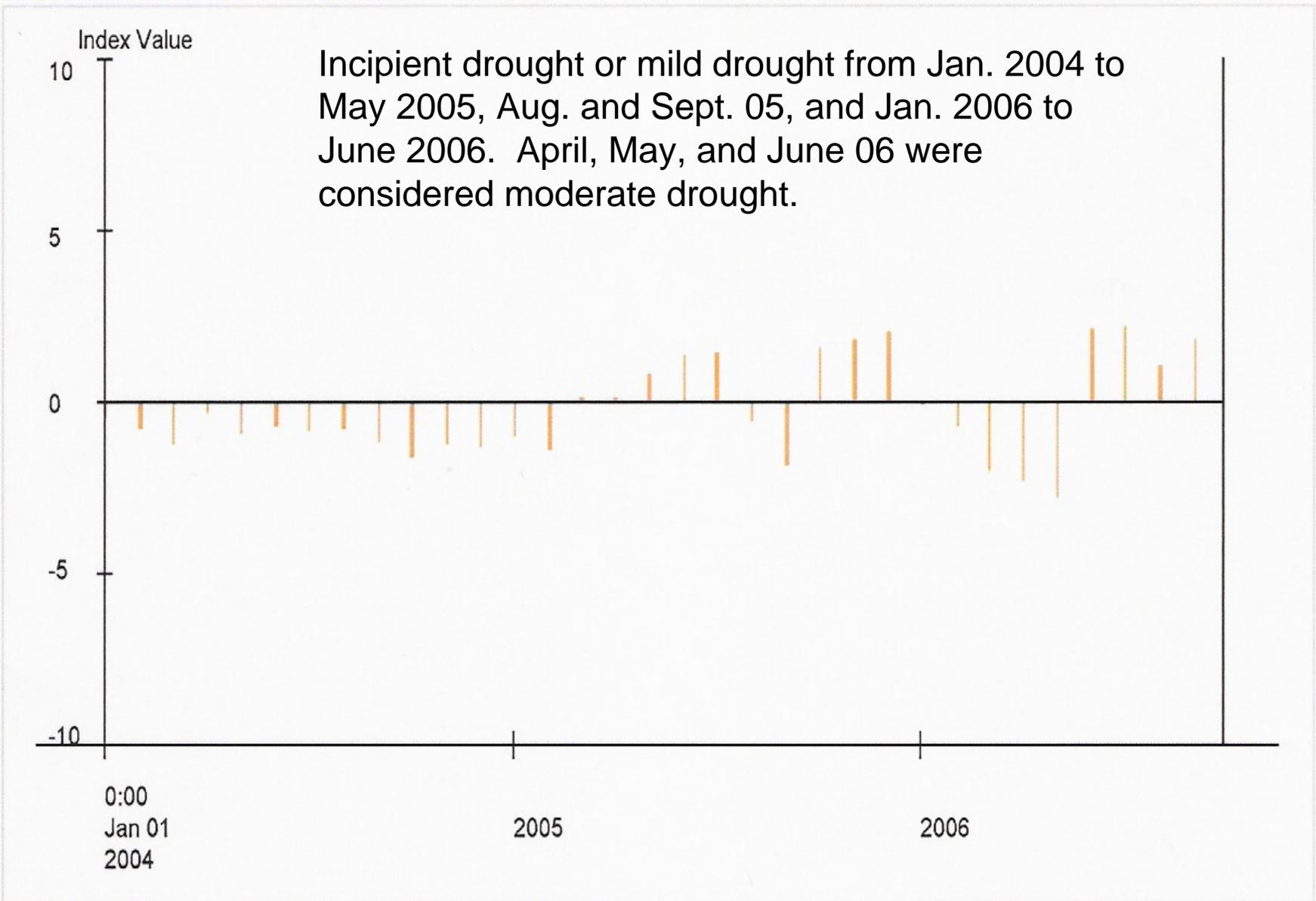
- The mean sea level trend is 3.16 millimeters/year (1.04 feet/century) with a standard error of 0.16 mm/yr based on monthly mean sea level data from 1919 to 1999.

■ DE Southern - Precipitation

Lewes, DE- June 06 was the wettest June on record (1949-2006) with 10.13in, followed by August which was the second driest on record, 0.72in.



**DE Southern - PDSI** Palmer Drought Severity Index- meteorological drought index used to assess the severity of dry and wet spells.



## SE Louisiana Weather Types: Jan-Aug 2000 Frequencies

Month	GULF HIGH			STORM INDEX	
	2000	Norm		2000	Norm
JAN	3%	5%	--	27%	50%
FEB	9%	6%	--	10%	46%
MAR	0%	3%	--	16%	40%
APR	6%	6%	--	23%	28%
MAY	6%	7%	--	6%	28%
JUN	13%	19%	--	10%	23%
JUL	50%	36%	--	10%	22%
AUG	55%	25%	--	15%	24%

Gulf High frequencies were not significantly different from the norm except during July and August. Comparison with data since 1961 indicates July's 50% tied for the 9th highest July percentage, while August's 55% was the second highest August value of record.

The Storminess Index has been below normal for the vast majority of months in recent years, with some monthly percentages running less than one-fourth the norm.

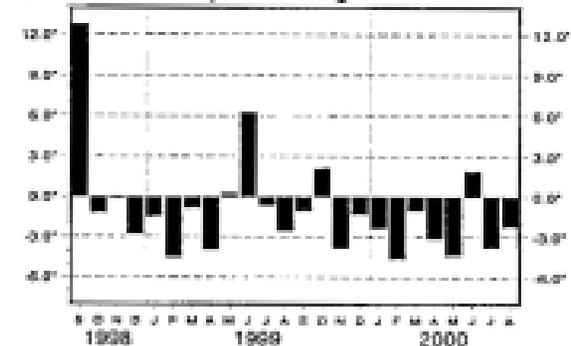


LOUISIANA OFFICE OF STATE CLIMATOLOGY  
Louisiana State University  
Baton Rouge, LA 70803-4105  
(504) 388-3027  
FAX: (504) 388-2912

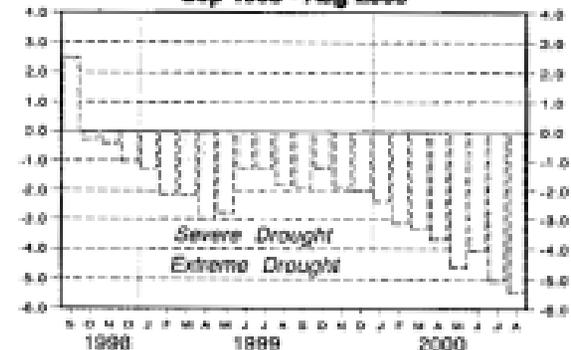
## SE Louisiana Precip Departures & PDSI Sep 1998 - Aug 2000



SE Louisiana Precip Departures  
Sep 1998 - Aug 2000

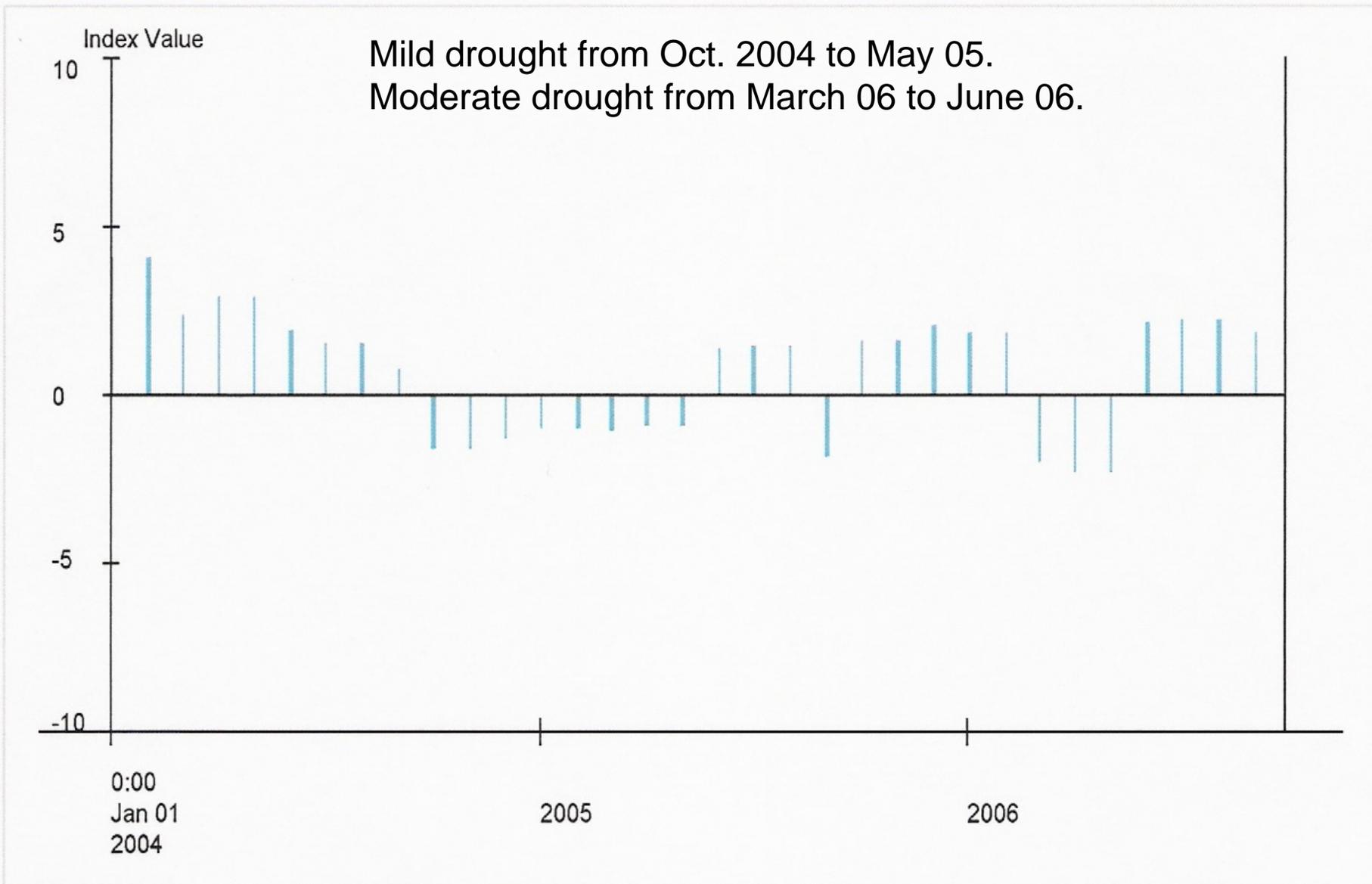


SE Louisiana PDSI  
Sep 1998 - Aug 2000

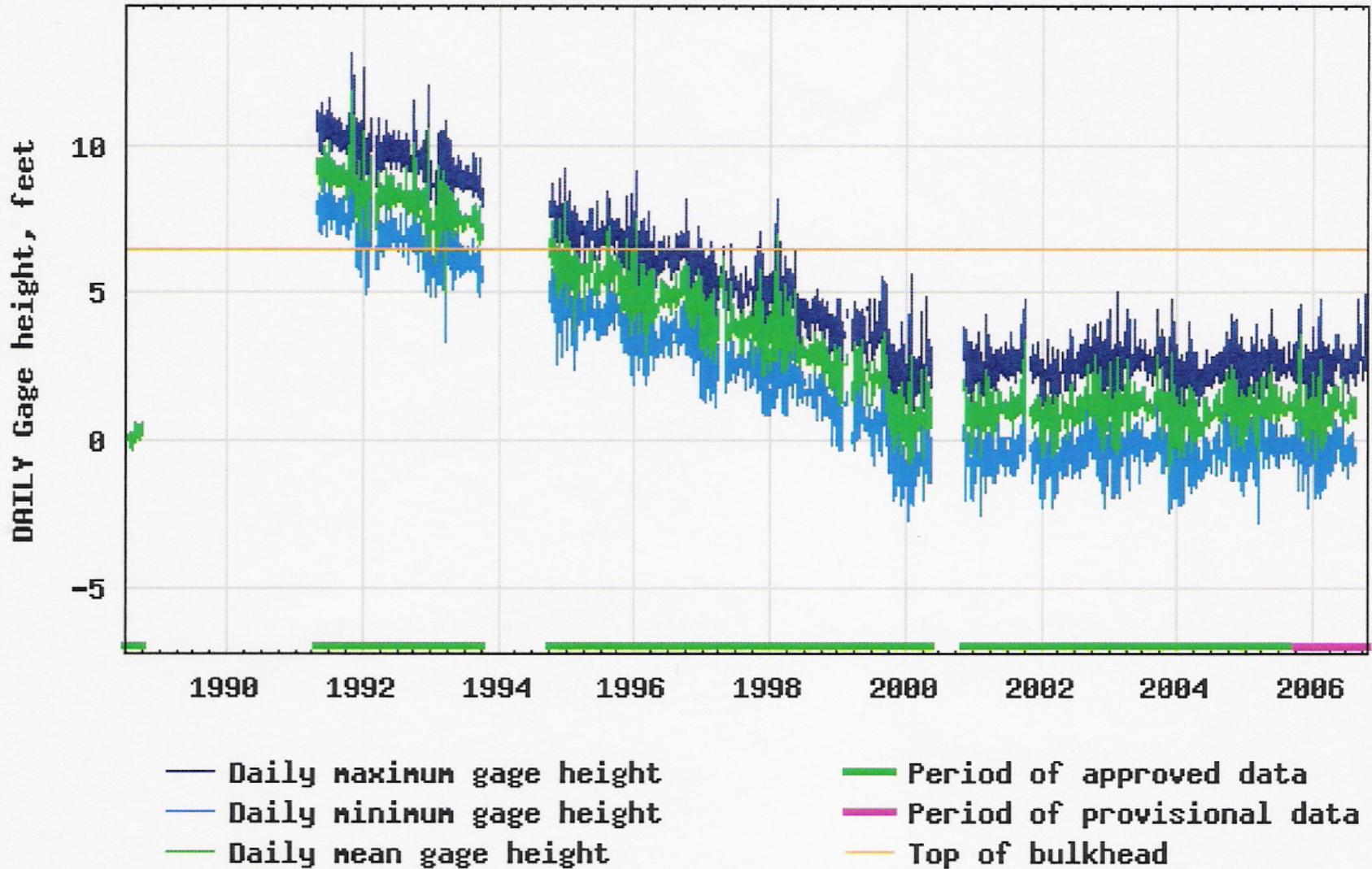


LOUISIANA OFFICE OF STATE CLIMATOLOGY  
Louisiana State University  
Baton Rouge, LA 70803-4105  
(504) 388-3027  
FAX: (504) 388-2912

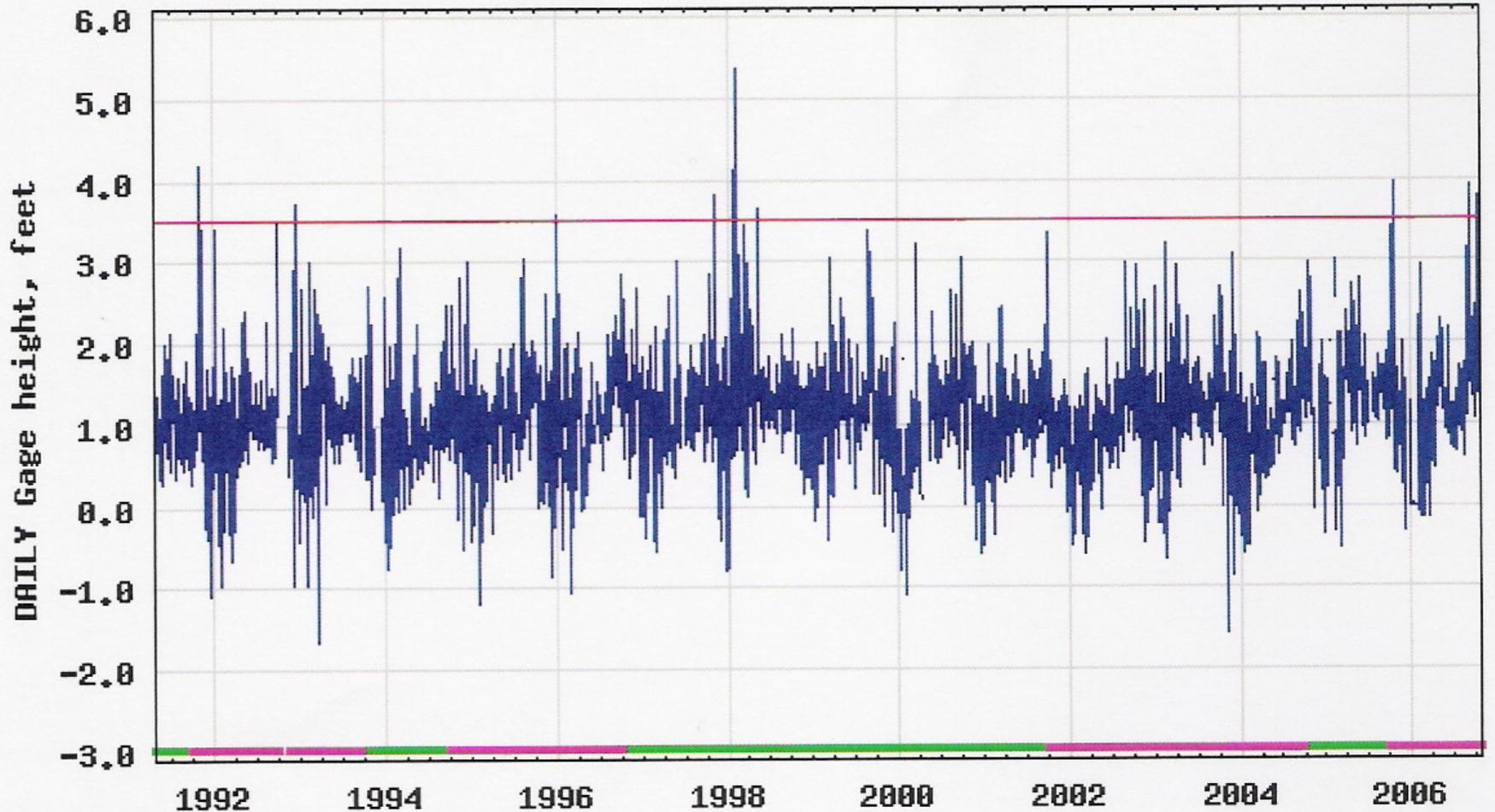
**DE Southern - PHDI** Palmer Hydrological Drought Index- Hydrological drought index used to assess long-term moisture supply.



# USGS 01484683 INDIAN RIVER BAY INLET NEAR BETHANY BEACH, DE



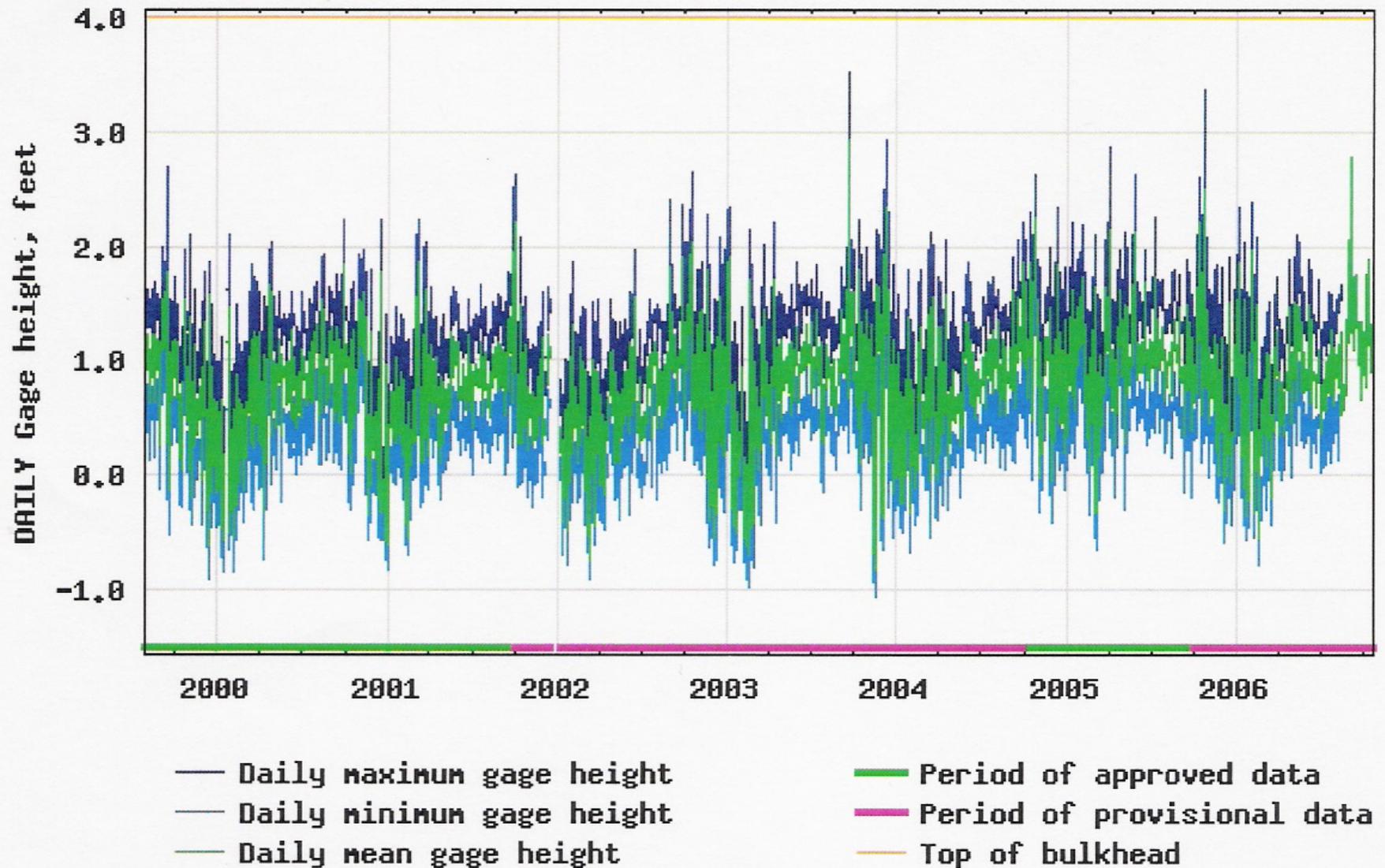
# USGS 01484540 INDIAN RIVER AT ROSEDALE BEACH, DE



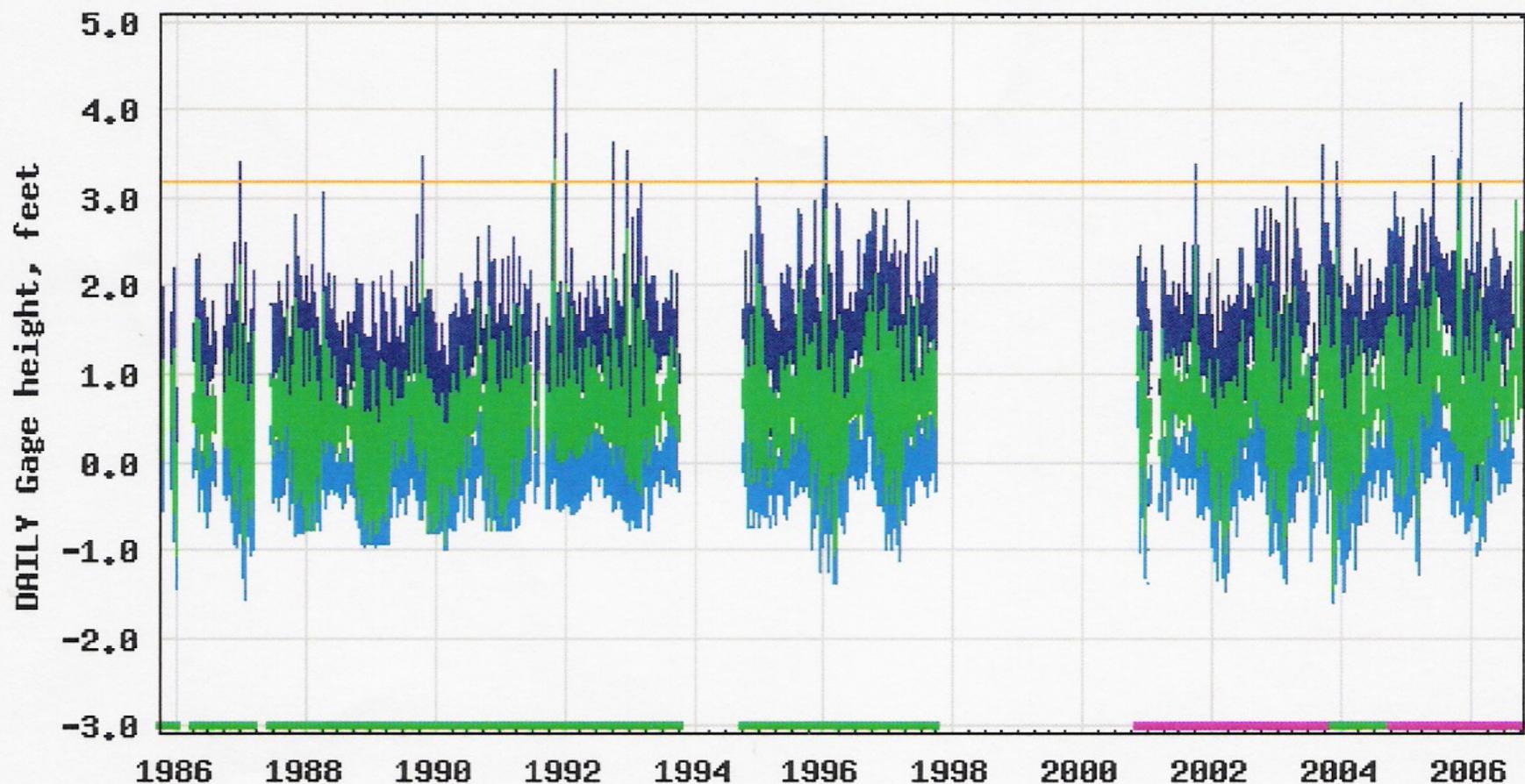
— Daily mean gage height  
 — Period of approved data

— Period of provisional data  
 — Top of pier

# USGS 01484696 JEFFERSON CREEK AT SOUTH BETHANY, DE



# USGS 01484670 REHOBOTH BAY AT DEWEY BEACH, DE



— Daily maximum gage height  
 — Daily minimum gage height  
 — Daily mean gage height

— Period of approved data  
 — Period of provisional data  
 — Top of bulkhead