



# GLOBE - Franklin Climate Change Poster

## Exploring Climate Connections between the Past and Today Sea Surface Temperature



Observations of the warmth of the sea-water, &c. by Fahrenheit's thermometer; with other remarks made on board the Reprisal, Capt. Wycks, bound from Philadelphia to France, in October and November 1776.

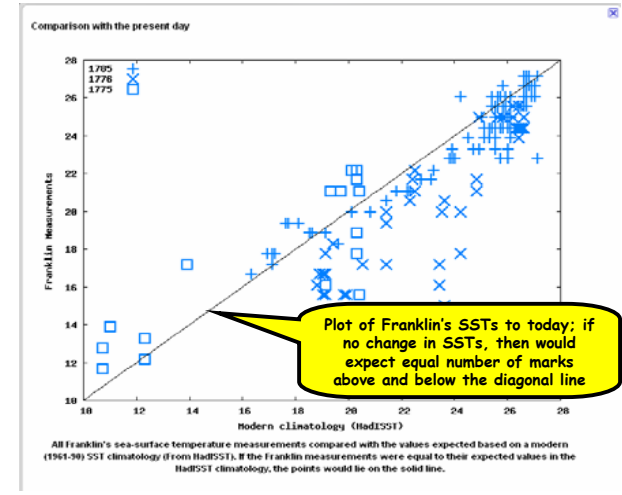
Date.	Hour of day.	Temp. Air.	Temp. Water.	Wind.	Course.	Distance.	Latit. N.	Long. W.	Remarks.
Octo. 31	10	76	70	SSE	E 1/2 S	135	38 12	70 30	Left the coast Thursday night, October 29, 1776.
Nov. 1	10	71	71	WSW	E 3/4 N	109	No obs.	68 12	
2	8	71	71	N		141	ditto.	65 23	
3	8	67	76	NW	ESE 1/2 E	160	37 0	66 7	Some sparks in the water thro' two leak nights.
4	9	68	76		N 1/2 E	194	36 46	58 8	Ditto.
5	8	68	76			59	35 21	55 3	Ditto.
6	8	77	77	E 1/2 N	S 5/8 E	75	33 33	53 58	
7	8	77	77	SE 1/2 E	N 3/4 W	108	36 6	53 46	
8	9	75	77	SE 1/2 E	N 4/8 E	171	38 3	50 1	
9	9	75	77						
10	12	70	70	SW	N 31 E	175	39 39	46 55	

Franklin's SSTs

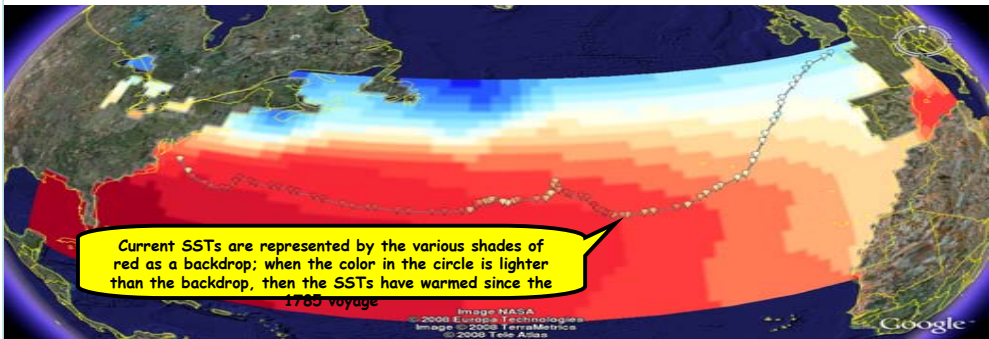
MARITIME OBSERVATIONS.



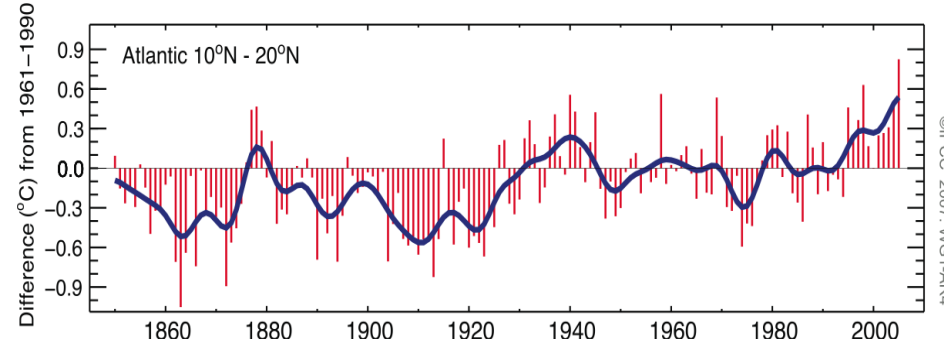
The Gulf Stream as Diagrammed by Franklin



Three Franklin Voyages Compared to Current



Visualized Comparison of Sea Surface Temperatures (1785 to Current)



### GLOBE - Student Climate Research Campaign

Franklin Climate Change Video Sponsors: ACRE, APS, Friends of Franklin, GLOBE (special thanks to NASA/NOAA)  
Further Information: [GLOBE.gov/src](http://GLOBE.gov/src), [OldWeather.org](http://OldWeather.org), [Met-ACRE.org](http://Met-ACRE.org), [Ben1776.com](http://Ben1776.com), [CitizenScienceAlliance.org](http://CitizenScienceAlliance.org), [barrygoldsteinmusic.com](http://barrygoldsteinmusic.com)

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