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Fixed Station Monthly Monitoring

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Chesapeake Bay Mainstem - Cove Point (CB4.4)



Location:
Northeast of Cove Point

Coordinates (NAD83):
Latitude: 38.4132°
Longitude: -76.3430°

Description:
This station is a mid-channel site located in the mid Chesapeake Bay, northeast of Cove Point. This station is located in the mesohaline zone (salinity 5 to 18 ppt).

Current Parameter: [Salinity](#)

Choose Other Parameters:

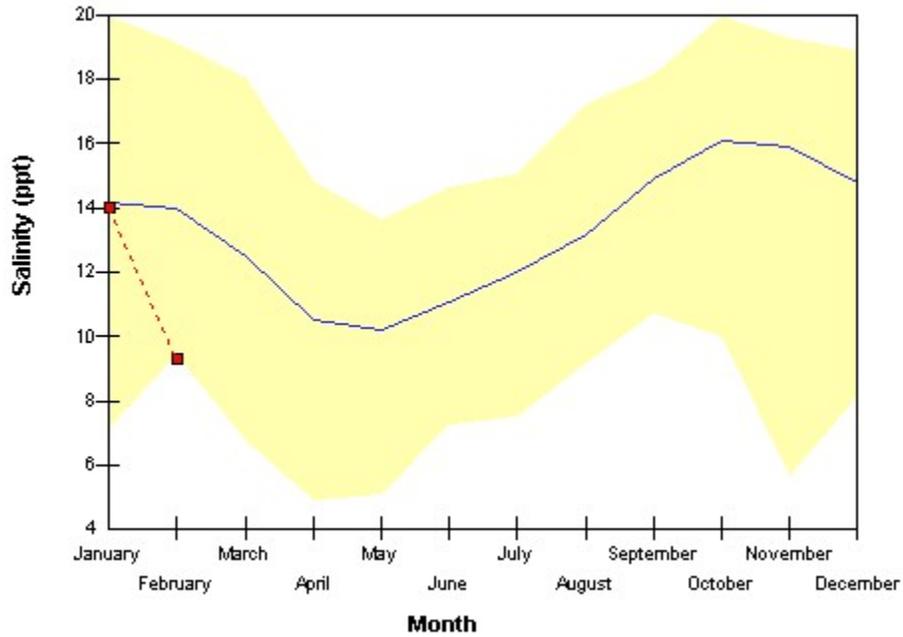
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Dissolved Oxygen	Water Temperature	Salinity	pH	Water Clarity
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The yellow shaded area represents the range of monthly mean values that have occurred from 1985 to 2008. The blue line shows the monthly mean values for each month over that same time period. The red line shows what the current years conditions are and how they compare to the range and the average values we've seen.

2010 [Surface Water Salinity](#) Chesapeake Bay Mainstem / Cove Point (CB4.4)



Surface Water Salinity (ppt) Chesapeake Bay Mainstem / Cove Point (CB4.4)					
Month	Minimum	Mean	Maximum	2009	2010
January	7.12	14.18	19.94	13.20	14.00
February	9.40	13.98	19.11	14.90	9.30
March	6.74	12.51	18.00	13.80	
April	4.88	10.55	14.78	13.60	
May	5.09	10.21	13.63	13.40	
June	7.24	11.09	14.60	11.30	
July	7.50	12.02	15.03	13.80	
August	9.19	13.21	17.21	13.25	
September	10.70	14.95	18.14	14.90	
October	9.98	16.12	19.94	17.00	
November	5.63	15.90	19.24	14.30	
December	8.12	14.77	18.90	16.10	

NOTE: Results displayed are provisional and have not undergone full Quality Assurance procedures. Although Maryland DNR believes the data presented here are correct, we cannot guarantee their accuracy at this time.

Choose Other Parameters:

Dissolved Oxygen	Water Temperature	Salinity	pH	Water Clarity
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Additional water quality data, including nutrient data, is currently available through the [Chesapeake Bay Program Data Hub](#).

Contact [Bruce Michael](#) of the MD DNR's Tidewater Ecosystem Assessment Division at

(410) 260-8630 or by email at bmichael@dnr.state.md.us.

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