

CHESAPEAKE BAY MONITORING PROGRAM

STATION:	COMMENTS:	RV: MISS JANA	
	CRUISE NO.:	DATE:	TIME:
FIELD CHIEF:	STATION DEPTH:	LAT. N	
	SECCHI DEPTH:	LONG.	W

WEATHER DATA - CIRCLE APPROPRIATE WEATHER CODES

CLOUD COVER	PRECIP. TYPE:	WIND SPEED	SEA STATE
0 - CLEAR (0-10%)	10 - NONE	0 0 - 1 KNOTS	0 CALM
1 - PARTIALLY CLOUDY: 10-50%	11 - DRIZZLE	1 2 - 10 KNOTS	1 < 2 FT.
2 - PARTIALLY CLOUDY: 50-90%	12 - RAIN	2 11 - 20 KNOTS	2 < 3 FT.
3 - OVERCAST: >90%	13 - RAIN HEAVY	3 21 - 30 KNOTS	3 < 4 FT.
4 - FOGGY	14 - SQUALLY	4 31 - 40 KNOTS	4 < 4 FT.
5 - HAZY	15 - FROZEN PRECIP.	5 >40KNOTS	5 > 4 FT.
6 - CLOUD (NO PERCENTAGE)	16 - RAIN SNOW		
		WIND DIRECTION	TIDAL STAGE: H L F E

ZOOPLANKTON NET DATA

DROP NET VOLUME (ML) A:			B	
NET:	METER STOP	METER START	TOTAL REVS.	
A:				TOW TIME: _____
B:				

MESOGLEA DATA

MESOGLEA VOL.	A	B		A	B
(TOTAL)	ML	ML			
TYPES/FAMILY (FILL OUT)	% COMPOSITION	% COMPOSITION	GENERA (FILL OUT)	% COMPOSITION	% COMPOSITION
CTENOPHORES (COMB-JELLIES)			BEROE		
			MNEMOPSIS		
SCYPHOZOA (TYPICAL JELLYFISH)			CHRYSAORA		
			AURELIA		

Pycnocline Calculation

A:	_____	-	_____	=	_____
	surface conductivity		bottom conductivity		Δ Conductivity
B:	_____	=	_____	* 2 =	_____
	Δ Conductivity (Depth in m)		Average Conductivity Change		(Pycnocline Threshold)

DEFINITIONS:

Upper Limit: The shallowest depth where change in conductivity ³ the Pycnocline Threshold Upper Depth

Lower Limit: The deepest depth where the change is conductivity ³ the Pycnocline Threshold Lower Depth

Note: No Pycnocline is: 1) Pycnocline Threshold < 500 μmho/cm, or 2) no depth interval > threshold value.

GENERAL INFORMATION

STATION:

SAMPLING DATE:

COLLECTED BY:

ENVIRONMENTAL DATA

DEPTH (M)	TEMPERATURE °C	SALINITY	SP. CONDUCT. (µMHO/CM)	DO (PPM)	pH	
1						
2						
3						
4						
5						
6						
7						
8						
9						
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Initials:

Chief Scientist:

Supervisor:
