

APPENDIX 2 Page 2

How Clarity Changes Compared To Rainfall In The Prior Week

Number of Secchi Readings In this Category

Secchi change from prior reading	Rainfall in Prior 7 Days in inches			
	0	.1-.5"	.5-1.0"	over1.0"
2007				
Better or Same	3	6	0	0
Worse	3	3	0	2
2008				
Better or Same	2	6	0	2
Worse	2	7	0	1
Total, both years				
Better or Same	5	12	0	2
Worse	5	10	0	3

Interpretation: With zero rain and 10 Secchi readings, half the time there was an improvement, half the time it declined. After heavy rain the results were only slightly skewed to worse clarity- 3 out of 5 times.

Sources: Secchi readings from HWQTF data files for 2007 and 2008.
Rainfall from Weather-Warehouse.Com for West Chatham, MA