

BREWSTER NOAA SECCHI DISC DEPTH READINGS 2024

Season end 2024 closed the third year of work with the National Oceanic and Atmospheric Administration (NOAA) and the Cape Cod Commission (CCC) to monitor the transparency of five Brewster ponds. Our volunteers take measurements at the deepest part of the ponds in coordination with the overhead flight dates of NOAA satellites. The results are shared with NOAA and CCC and will be compared to the NOAA satellite imagery taken from space. Sixty measurements were taken over the summer and fall at Long, Lower Mill, Seymour, Sheep, and Upper Mill Ponds. This report outlines each result at each pond.

Date of Sample	Pond Name	Town	Time of Sample	Average of three (3) secchi depth	GPS Coordinates	Weather/Wind
7/16/2024	Long Pond	Brewster	10:00 AM	15 feet 3 inches	41 43 22 N - 70 3 32 W	Partly Sunny - NW Wind 1-3/mph
7/23/2024	Long Pond	Brewster	10:30 AM	15 feet 3 inches	41 43 22 N - 70 3 32 W	Partly Sunny - SW Wind 3-5/mph
8/15/2024	Long Pond	Brewster	9:30 AM	15 feet 6 inches	41 43 22 N - 70 3 32 W	Sunny - NW Wind 5/mph
8/26/2024	Long Pond	Brewster	10:15 AM	15 feet	41 43 22 N - 70 3 32 W	Partly Sunny - NW Wind 1-3/mph
8/31/2024	Long Pond	Brewster	11:45 AM	14 feet 9 inches	41 43 22 N - 70 3 32 W	Mostly sunny - SE Wind 8-10/mph
9/4/2024	Long Pond	Brewster	11:45 AM	15 feet 4 inches	41 43 22 N - 70 3 32 W	Sunny - NW Wind - 1-2/mph
9/8/2024	Long Pond	Brewster	9:30 AM	14 feet 6 inches	41 43 22 N - 70 3 32 W	Sunny - NE Wind - 10/mph
9/14/2024	Long Pond	Brewster	1:00 PM	14 feet	41 43 22 N - 70 3 31 W	Sunny - NW Wind - 5/mph
9/16/2024	Long Pond	Brewster	11:55 AM	15 feet 10 inches	41 43 22 N - 70 3 31 W	Sunny - E Wind - 1-3/mph
9/24/2024	Long Pond	Brewster	10:30 AM	11 feet 6 inches	41 43 22 N - 70 3 31 W	Partly cloudy - E Wind - 5-10/mph
9/30/2024	Long Pond	Brewster	10:35 AM	15 feet 6 inches	41 43 22 N - 70 3 32 W	Partly cloudy - E SE Wind - 5/mph
10/5/2024	Long Pond	Brewster	2:25 PM	14 feet 3 inches	41 43 22 N - 70 3 32 W	Partly cloudy - NW Wind - 10/mph
7/14/24	Sheep Pond	Brewster	11:00 AM	24 feet 6 inches	41 44 28 N - 70 4 3 W	Partly Sunny - NW Wind 5/mph
7/21/2024	Sheep Pond	Brewster	11:30 AM	25 feet 4 inches	41 44 28 N - 70 4 3 W	Partly Sunny - NW Wind 3-7/mph
8/15/2024	Sheep Pond	Brewster	11:00 AM	25 feet 3 inches	41 44 28 N - 70 4 3 W	Partly Cloudy - NW Wind 3-5/mph
8/27/2024	Sheep Pond	Brewster	9:30 AM	25 feet	41 44 28 N - 70 4 3 W	Sunny - NO Wind
8/30/2024	Sheep Pond	Brewster	11:30 AM	23 feet	41 44 28 N - 70 4 3 W	Sunny - E Wind 5-10/mph
9/5/2024	Sheep Pond	Brewster	9:30 AM	24 feet	41 44 28 N - 70 4 3 W	Sunny - SE Wind 3-5/mph
9/9/2024	Sheep Pond	Brewster	10:45 AM	22 feet	41 44 28 N - 70 4 3 W	Sunny - SW Wind 5-10/mph
9/13/2024	Sheep Pond	Brewster	12:45 PM	22 feet	41 44 28 N - 70 4 3 W	Sunny - SW Wind 10/mph
9/17/2024	Sheep Pond	Brewster	12:50 PM	21.5 feet	41 44 28 N - 70 4 3 W	Partly sunny - SW Wind 5-8/mph
9/27/2024	Sheep Pond	Brewster	4:00 PM	19 feet	41 44 28 N - 70 4 3 W	Mostly sunny - SW Wind - 1-3/mph
10/6	Sheep Pond	Brewster	2:20 PM	17 feet	41 44 28 N - 70 4 3 W	Mostly sunny - N Wind - 10-15/mph
10/22/2024	Sheep Pond	Brewster	1:00 PM	17 feet	41 44 28 N - 70 4 3 W	N Wind 1-3/mph
7/14/2024	Lower Mill Pond	Brewster	12:30 AM	4 feet	41 44 30 N - 70 6 30 W	Partly Sunny - NW Wind 1-3/mph
7/21/2024	Lower Mill Pond	Brewster	9:15 AM	4 feet	41 43 30 N - 70 6 31 W	Cloudy - SW Wind 5-10/mph
8/16/2024	Lower Mill Pond	Brewster	11:00 AM	3 feet 9 inches	41 44 28 N - 70 6 29 W	Sunny - SW Wind 5-10/mph
8/26/2024	Lower Mill Pond	Brewster	10:20 AM	3 feet 9 inches	41 44 28 N - 70 6 28 W	Partly Sunny - NW Wind 1-3/mph

8/30/2024	Lower Mill Pond	Brewster	11:00 AM	4 feet	41 44 28 N - 70 6 28 W	Sunny - SE Wind 5/mph
9/4/2024	Lower Mill Pond	Brewster	1:45 PM	4 feet 10 inches	41 44 28 N - 70 6 28 W	Sunny - SW Wind 1-3/mph
9/8/2024	Lower Mill Pond	Brewster	11:00 AM	4 feet 3 inches	41 44 28 N - 70 6 28 W	Sunny - NW Wind 10/mph
9/16/2024	Lower Mill Pond	Brewster	12:30 PM	4 feet	41 44 28 N - 70 6 28 W	Sunny - N Wind - 1-3/mph
9/24/2024	Lower Mill Pond	Brewster	2:00 PM	4 feet	41 44 28 N - 70 6 28 W	Partly cloudy - E Wind 1-3/mph
9/27/2024	Lower Mill Pond	Brewster	2:00 PM	4 feet 6 inches	41 44 28 N - 70 6 28 W	Mostly sunny - No wind - calm
10/4/2024	Lower Mill Pond	Brewster	1:55 PM	5 feet 8 inches	41 44 28 N - 70 6 28 W	Mostly sunny - S Wind 2-5/mph
10/21/2024	Lower Mill Pond	Brewster	2:15 PM	6 feet	41 44 28 N - 79 6 28 W	Mostly sunny - SW Wind 3-7/mph
7/15/2024	Seymour Pond	Brewster	10:30 AM	11 feet 6 inches	41 43 28 N - 70 5 24 W	Partly Sunny - NW WInd 1-5/mph
7/23/2024	Seymour Pond	Brewster	8:30 AM	11 feet	41 43 28 N - 70 5 24 W	Sunny - SW WInd - 3-5/mph
8/14/2024	Seymour Pond	Brewster	11:00 AM	12 feet	41 43 28 N - 70 5 24 W	Partly Sunny - NW WInd - 5/mph
8/27/2024	Seymour Pond	Brewster	12:00 PM	10 feet 9 inches	41 43 34 N - 70 5 24 W	Sunny - SW Wind 3-5/mph
8/31/2024	Seymour Pond	Brewster	10:45 AM	11 feet 4 inches	41 43 34 N - 70 5 24 W	Mostly sunny - S Wind 10/mph
9/4/2024	Seymour Pond	Brewster	12:30 PM	11 feet 4 inches	41 43 34 N - 70 5 24 W	Sunny - SW Wind 3-5/mph
9/9/2024	Seymour Pond	Brewster	9:45 AM	11 feet	41 43 34 N - 70 5 24 W	Sunny - W Wind 10-15/mph
9/15	Seymour Pond	Brewster	9:15 AM	11 feet 6 inches	41 43 34 N - 70 5 24 W	Sunny - E WInd 3-5/mph
9/30	Seymour Pond	Brewster	11:30 AM	11 feet	41 43 34 N - 70 5 24 W	Partly cloudy - E Wind 5-6/mph
10/6/2024	Seymour Pond	Brewster	1:25 PM	11 feet 3 inches	41 43 34 N - 70 5 24 W	Mostly sunny - NW Wind 5-10/mph
10/25/2024	Seymour Pond	Brewster	2:00 PM	10 feet	41 43 34 N - 70 5 24 W	Sunny - W Wind 5-8/mph
10/31/2024	Seymour Pond	Brewster	11:45 AM	10 feet 3 inches	41 43 34 N - 70 5 24 W	Sunny - W Wind 10/mph
7/14/2024	Upper Mill Pond	Brewster	10:00 AM	8 feet 6 inches	41 43 52 N - 70 6 57 W	Partly Sunny - NW WInd 5/mph
7/16/2024	Upper Mill Pond	Brewster	9:30 AM	6 feet 3 inches	41 43 52 N - 70 4 3 W	Partly Sunny - NW WInd 1-3/mph
7/21/2024	Upper Mill Pond	Brewster	8:30 AM	6 feet	41 43 51 N. - 70 6 57 W	Partly Cloudy - NE Wind 3-5/mpn
8/16/2024	Upper Mill Pond	Brewster	10:00 AM	7 feet 4 inches	41 43 51 N - 70 6 57 W	Sunny - NW Wind 5-7/mph
8/26/2024	Upper Mill Pond	Brewster	10:30 AM	8 feet 6 inches	41 43 52 N - 70 6 57 W	Sunny - NW Wind 10-15/mph
8/30/2024	Upper Mill Pond	Brewster	10:15 AM	7 feet 4 inches	41 43 52 N - 70 6 57 W	Sunny - E Wind 5/mph
9/3/2024	Upper Mill Pond	Brewster	8:00 AM	7 feet	41 43 52 N - 70 6 57 W	Sunny - NW WInd 1-3/mph
9/8/2024	Upper Mill Pond	Brewster	10:15 AM	7 feet 6 inches	41 43 52 N - 70 6 57 W	Sunny - NW Wind - 10/mph
9/15/2024	Upper Mill Pond	Brewster	10:25 AM	9 feet	41 43 52 N - 70 6 57 W	Sunny - NE Wind - 5-10/mph
9/24/2024	Upper Mill Pond	Brewster	11:15 AM	8.5 feet	41 43 52 N - 70 6 57 W	Partly cloudy - E Wind - 10-15/mph
10/1/2024	Upper Mill Pond	Brewster	8:25 AM	10 feet	41 43 52 N - 70 6 57 W	Partly cloudy - E Wind - 5/mph
10/21/2024	Upper Mill Pond	Brewster	1:35 PM	10 feet 3 inches	41 43 52 N - 70 6 57 W	Mostly sunny - SW Wind - 5-10/mph
Totals	5 Ponds	12 tests each 60 measurements				