

ANSWER SHEET

Bridge DATA: Coral Bleaching www.marine-ed.org/bridge/

QUESTION	2005	2006	2007	2008
What date did the water temperature first hit the 1°C above expected maximum?	April 26, 2005	April 21, 2006	May 27, 2007	March 29, 2008
What date did the water temperature first hit the 2°C above expected maximum?	June 15, 2005	September 10, 2006	June 23, 2007	May 29, 2008
What date did the water temperature drop and remain below the 2°C above expected maximum for the remainder of the year?	October 22, 2005	September 28, 2006	October 15, 2007	October 19, 2008
What date did the water temperature drop and remain below the 1°C above expected maximum for the remainder of the year?	November 26, 2005	November 29, 2006	October 27, 2007	November 18, 2008
Approximately how many weeks over the year were temperatures 1°C above expected maximum?	25	26	21	32
Approximately how many weeks over the year were temperatures 2°C above expected maximum?	12	2	16	17
How many Degree Heating Weeks (DHW) were there for the year? <i>1 week @ 1°C above expected maximum = 1 DHW</i> <i>1 week @ 2°C above expected maximum = 2 DHW</i>	$= 12 \times 2 + (25 - 12)$ $= 37$	$= 2 \times 2 + (26 - 2)$ $= 28$	$= 16 \times 2 + (21 - 16)$ $= 37$	$= 17 \times 2 + (32 - 17)$ $= 49$

