

Appendix 6: Bird Survey Conditions

Table 1: Bird Survey Conditions 2008/09

Survey	Date	Cloud	Wind	Rain	Visibility	Sea State
Open Coast (Wintering)	02/12/2008	2/8	F3-4 (NW)	NIL	>2km	Choppy, slight swell
	05/02/2009	4/8	F1-4 (NW)	Isolated snow and sleet showers	Variable 500m to >2km	Choppy, slight swell
	20/02/2009	8/8	F2-3 (WNW)	NIL	>2km	Slightly choppy, no swell
Open Coast (Summer)	09/05/2009	0-8/8	F2 (SW)	Light Rain	>2km	Calm, slight swell
	20/06/2009	6-8/8	F4 (NW)	NIL	>2km	Choppy, slight swell
	10/08/2009	8/8	F2-3 (NE)	Light Rain	>2km	Slight choppy, no swell
Breeding Farmland	03/05/2009	0-2/8	F3 (SW)	NIL	-	-
	28/05/2009	4/8	F4 (WNW)	NIL	-	-
	18/06/2009	6-8/8	F1-2 (Variable)	NIL	-	-
Wintering Farmland	03/12/2008	2-8/8	F3 (SW)	NIL	-	-
	09/01/2009	2-8/8	F3 (NW)	NIL	-	-
	02/02/2009	0/8	F1-2 (Variable)	NIL	-	-
Breeding Black Guillemot	10/04/2009	4-6/8	F2 (NW)	NIL	2km	Calm, no swell
	17/04/2009	8/8	F3 (NE)	NIL	>2km	Calm, no swell
	29/05/2009	8/8	F3 (SE)	NIL	>2km	Calm, no swell
	16/07/2009	8/8	F0-1 (Variable)	NIL	>2km	Calm, no swell

Table 2: High Tide Low Tide Open Coast Survey Conditions 2011/12

Month	Date	Section	Start Time	Wind	Precipitation	Cloud	Visibility	Sea State	Tide	
Apr-11	31/03	1	08h10	F2-3 (NW)	NIL	7/8	1-3km	Large Waves	HT 08h36 (0.87m)	
		2	09h20	F3 (NW)	Light Rain - Discontinuous	7/8	1-3km	Large Waves		
		3	06h45	F2-3 (NW)	NIL	7/8	1-3km	Large Waves		
		Browns Bay	10h30	F2-3 (NW)	NIL	7/8	1-3km	Small Waves		
	08/04	1	08h45	F1-2 (NW)	NIL	NIL	2/8	1-3km	Small Waves	LT 07h32 (-1.10m)
		2	07h30	F1-2 (NW)	NIL	NIL	1/8	>3km	Small Waves	
		3	06h15	F1-2 (NW)	NIL	NIL	1/8	>3km	Small Waves	
		Browns Bay	10h00	F1-2 (NW)	NIL	NIL	1/8	>3km	Flat Calm	
May-11	19/05	1	11h25	F2-3 (NW)	NIL	3/8	>3km	Small Waves	HT 12h10 (1.13m)	
		2	10h10	F1 (NW)	NIL	4/8	1-3km	Small Waves		
		3	12h45	F2 (NW)	NIL	4/8	>3km	Small Waves		
		Browns Bay	09h00	F1-2 (NW)	NIL	5/8	>3km	Flat Calm		
	31/05	1	17h10	F2 (N)	NIL	NIL	4/8	1-3km	Small Waves	LT 15h40 (-1.06m)
		2	14h50	F2 (N)	NIL	NIL	4/8	1-3km	Small Waves	
		3	13h45	F2 (N)	NIL	NIL	5/8	1-3km	Small Waves	
		Browns Bay	16h00	F2 (N)	NIL	NIL	6/8	1-3km	Small Waves	
Jun-11	15/06	1	09h30	F2 (NW)	NIL	3/8	1-3km	Flat Calm	HT 10h15 (1.08m)	
		2	08h15	F2 (NW)	NIL	4/8	1-3km	Flat Calm		
		3	11h45	F2 (NW)	NIL	3/8	>3km	Flat Calm		
		Browns Bay	10h35	F2 (NW)	NIL	3/8	>3km	Flat Calm		
	15/06	1	14h10	F1-2 (NW)	NIL	NIL	3/8	>3km	Flat Calm	LT 16h16 (-1.17m)
		2	16h30	F1-2 (NW)	NIL	NIL	4/8	>3km	Flat Calm	

		3	17h45	F1-2 (NW)	NIL	4/8	>3km	Flat Calm	
		Browns Bay	15h15	F1 (NW)	NIL	5/8	>3km	Flat Calm	
Jul-11	11/07	1	12h50	F2 (N)	NIL	5/8	>3km	Flat Calm	LT 13h16(-0.97m)
		2	14h15	F1 (N)	NIL	5/8	>3km	Flat Calm	
		3	15h50	F1 (N)	NIL	3/8	>3km	Flat Calm	
		Browns Bay	11h45	F1 (N)	NIL	6/8	>3km	Flat Calm	
	29/07	1	10h10	F2-3 (NW)	NIL	8/8	1-3km	Small Waves	HT 09h34 (0.93m)
		2	07h30	F2-3 (NW)	Light Rain – Discontinuous	8/8	1-3km	Small Waves	
		3	08h50	F2-3 (NW)	NIL	8/8	1-3km	Small Waves	
		Browns Bay	11h15	F1-2 (NW)	NIL	8/8	1-3km	Flat Calm	
Aug-11	04/08	1	08h00	F1-2 (NW)	NIL	8/8	1-3km	Small Waves	LT 08h02 (-1.42m)
		2	06h45	F1-2 (NW)	NIL	7/8	1-3km	Small Waves	
		3	10h15	F1-2 (NW)	NIL	6/8	1-3km	Small Waves	
		Browns Bay	09h05	F2 (NW)	NIL	7/8	1-3km	Small Waves	
	30/08	1	12h00	F1-2 (N)	Light Rain - Discontinuous	7/8	1-3km	Flat Calm	HT 11h36 (1.29m)
		2	09h30	F1 (N)	Light Rain - Discontinuous	7/8	1-3km	Flat Calm	
		3	10h43	F2-3 (N)	NIL	7/8	1-3km	Flat Calm	
		Browns Bay	08h15	F1 (NW)	Light Rain- Discontinuous	7/8	1-3km	Flat Calm	
Sep-11	25/09	1	12h50	F1 (W)	NIL	5/8	1-3km	Small Waves	LT 14h45 (-1.09m)
		2	14h10	F1-2 (W)	Light Rain - Discontinuous	5/8	1-3km	Small Waves	
		3	15h25	F1-2 (W)	NIL	6/8	1-3km	Small Waves	
		Browns Bay	16h35	F1-2 (W)	Heavy Rain - Continuous	7/8	1-3km	Small Waves	
	28/09	1	11h45	F2 (NW)	Light Rain - Discontinuous	4/8	1-3km	Small Waves	HT 11h13 (1.39m)
		2	10h30	F1-2 (NW)	NIL	6/8	1-3km	Small Waves	
		3	09h15	F2 (NW)	NIL	5/8	1-3km	Small Waves	

		Browns Bay	12h55	F1-2 (NW)	Light Rain - Continuous	4/8	1-3km	Flat Calm	
Oct-11	19/10	1	06h30	F2 (W)	NIL	3/8	1-3km	Small Waves	LT 08h57 (-0.76m)
		2	08h50	F1-2 (W)	Light Rain - Discontinuous	4/8	1-3km	Small Waves	
		3	10h05	F2 (W)	Light Rain - Discontinuous	4/8	1-3km	Small Waves	
		Browns Bay	07h35	F3 (W)	Light Rain - Discontinuous	5/8	1-3km	Small Waves	
	30/10	1	12h05	F2 (N)	Light Rain - Discontinuous	7/8	1-3km	Small Waves	HT 13h10 (1.30m)
		2	13h20	F1-2 (N)	Light Rain - Discontinuous	7/8	1-3km	Small Waves	
		3	14h40	F2 (N)	Light Rain - Discontinuous	7/8	1-3km	Small Waves	
		Browns Bay	11h00	F3 (N)	Light Rain - Discontinuous	7/8	1-3km	Small Waves	
Nov-11	07/11	1	14h45	F1-2 (W)	NIL	2/8	>3km	Small Waves	LT 14h19 (-0.70m)
		2	12h05	F1-2 (W)	NIL	2/8	1-3km	Small Waves	
		3	13h25	F1-2 (W)	NIL	3/8	1-3km	Small Waves	
		Browns Bay	15h50	F1-2 (W)	NIL	2/8	>3km	Small Waves	
	25/11	1	08h20	F4 (SW)	NIL	8/8	1-3km	Small Waves	HT 10h33 (1.39m)
		2	09h40	F5-6 (SW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
		3	11h00	F5-6 (SW)	Light Sleet - Discontinuous	8/8	1-3km	Small Waves	
		Browns Bay	12h15	F5-6 (SW)	Light Sleet - Continuous	8/8	1-3km	Small Waves	
Dec-11	06/12	1	12h45	F3-4 (SW)	Light Sleet - Continuous	8/8	<1km	Large Waves	LT 13h36 (-0.63m)
		2	11h25	F4 (SW)	Light Sleet - Continuous	8/8	<1km	Large Waves	
		3	14h05	F3-4 (S)	Light Sleet - Discontinuous	8/8	<1km	Large Waves	
		Browns Bay	15h20	F3-4 (S)	NIL	8/8	<1km	Large Waves	
	09/12	1	10h45	F5-6 (S)	NIL	6/8	1-3km	Small Waves	HT 09h45 (0.99m)
		2	09h30	F5-6 (S)	NIL	6/8	1-3km	Small Waves	
		3	08h15	F5-6 (S)	NIL	5/8	1-3km	Small Waves	
		Browns	11h50	F5 (S)	Light Rain - Discontinuous	7/8	1-3km	Small Waves	

		Bay							
Jan-12	05/01	1	13h45	F3 (W)	NIL	4/8	>3km	Large Waves	LT 13h48 (-0.68m)
		2	15h00	F3 (W)	NIL	5/8	>3km	Large Waves	
		3	11h30	F3 (W)	Light Rain - Discontinuous	4/8	>3km	Large Waves	
		Browns Bay	12h40	F2 (W)	NIL	4/8	>3km	Large Waves	
	11/01	1	10h10	F3 (W)	NIL	6/8	1-3km	Flat Calm	HT 12h07 (1.45m)
		2	11h30	F3 (W)	NIL	6/8	1-3km	Flat Calm	
		3	12h50	F3 (W)	Light Rain - Discontinuous	7/8	1-3km	Flat Calm	
		Browns Bay	14h00	F2 (W)	NIL	6/8	1-3km	Flat Calm	
Feb-12	15/02	1	09h45	F2-4 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	LT 10h38 (-0.92m)
		2	08h30	F2-4 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
		3	12h00	F2-4 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
		Browns Bay	10h50	F2-4 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
	22/02	1	11h25	F2 (N)	Light Rain - Continuous	8/8	<1km	Small Waves	HT 11h04 (1.29m)
		2	08h45	F2 (N)	Light Rain - Continuous	8/8	<1km	Small Waves	
		3	10h00	F2 (N)	Light Rain - Continuous	8/8	<1km	Small Waves	
		Browns Bay	12h45	F2 (N)	Light Rain - Continuous	8/8	<1km	Small Waves	
Mar-12	14/03	1	08h30	F1-2 (NW)	Light Rain - Continuous	5/8	1-3km	Small Waves	LT 09h20 (-1.09m)
		2	07h15	F1-2 (NW)	Light Rain - Continuous	5/8	1-3km	Small Waves	
		3	09h45	F1-2 (NW)	Light Rain - Continuous	6/8	1-3km	Small Waves	
		Browns Bay	11h00	F1-2 (NW)	Light Rain - Continuous	4/8	1-3km	Small Waves	
	23/03	1	11h35	F2-3 (SE)	NIL	8/8	<1km	Small Waves	HT 11h13 (1.21m)
		2	12h50	F2-3 (SE)	NIL	8/8	<1km	Small Waves	
		3	09h15	F2-3 (SE)	NIL	8/8	<1km	Small Waves	
		Browns Bay	10h30	F2-3 (SE)	NIL	8/8	<1km	Small Waves	

Table 3: Early Morning – Afternoon Open Coast Bird Survey Conditions 2011/12

Month	Date	Section	Start Time	Wind	Precipitation	Cloud	Visibility	Sea Conditions	Tidal Conditions
Apr-11	20/04	1	07h45	F2-3 (N)	NIL	5/8	1-3km	Small Waves	HT 00h03 (1.37m) LT 06h10 (-1.46m) HT 12h28 (1.30m) LT 18h31 (-1.32m)
		2	09h00	F1 (N)	NIL	3/8	1-3km	Small Waves	
		3	10h15	F1 (N)	NIL	4/8	1-3km	Small Waves	
		Browns Bay	11h20	F1 (N)	NIL	4/8	1-3km	Small Waves	
		1	13h00	F1 (W)	NIL	4/8	>3km	Small Waves	
		2	14h10	F1 -2 (W)	NIL	4/8	>3km	Small Waves	
		3	16h25	F1 -2 (W)	NIL	4/8	1-3km	Small Waves	
		Browns Bay	15h20	F2 (W)	NIL	4/8	>km	Flat Calm	
May-11	06/05	1	09h00	F1-2 (WNW)	Light Rain - Discontinuous	6/8	1-3km	Small Waves	HT 00h17 (1.16m) LT 06h27 (-1.18m) HT 12h41 (1.01m) LT 18h40 (-1.07m)
		2	07h45	F1 (WNW)	NIL	5/8	1-3km	Small Waves	
		3	06h30	F2 (WNW)	Light Rain – Discontinuous	6/8	1-3km	Small Waves	
		Browns Bay	10h15	F1 (WNW)	Light Rain - Continuous	6/8	1-3km	Flat Calm	
		1	15h55	F2-3 (WNW)	Light Rain - Discontinuous	3/8	>3km	Flat Calm	
		2	14h40	F1-2 (WNW)	Light Rain - Continuous	3/8	>3km	Flat Calm	
		3	13h10	F1-2 (WNW)	Light Rain - Continuous	4/8	>3km	Flat Calm	
		Browns Bay	17h00	F1-2 (WNW)	Light Rain - Discontinuous	4/8	>3km	Flat Calm	
	18/05	1	10h20	F2 (N)	NIL	7/8	1-3km	Small Waves	LT 05h04 (-1.40m)
		2	07h50	F2 (N)	NIL	5/8	1-3km	Small Waves	HT 11h21 (1.23m)
		3	06h45	F2-3 (NW)	NIL	7/8	1-3km	Small Waves	LT 17h23 (-1.30m)

Jun-11		Browns Bay	09h05	F2 (N)	NIL	7/8	1-3km	Small Waves	HT 23h41 (1.35m)
		1	12h55	F2 (NW)	NIL	7/8	1-3km	Small Waves	
		2	14h10	F2 (NW)	NIL	6/8	1-3km	Small Waves	
		3	15h25	F2-3 (NW)	NIL	8/8	1-3km	Small Waves	
	Browns Bay	16h30	F2-3 (NW)	Heavy Rain - Continuous	8/8	<1km	Small Waves		
	1	09h50	F2 (N)	NIL	8/8	>3km	Small Waves	HT 01h26 (1.29m) LT 07h48 (-1.29m) HT 14h05 (0.92m) LT 19h56 (-1.00m)	
	2	07h35	F0-1 (N)	NIL	7/8	>3km	Small Waves		
	3	06h15	F2 (N)	NIL	8/8	>3km	Small Waves		
	Browns Bay	08h40	F2 (N)	NIL	8/8	>3km	Flat Calm		
	1	14h10	F1-2 (N)	NIL	8/8	>3km	Small Waves		
2	13h00	F1-2 (N)	NIL	7/8	>3km	Small Waves			
3	15h20	F1-2 (N)	NIL	5/8	>3km	Small Waves			
Browns Bay	16h25	F2 (N)	NIL	5/8	>3km	Flat Calm			
16/06	1	07h50	F1-2 (N)	NIL	6/8	1-3km	Flat Calm	LT 04h49 (-1.29m) HT 11h05 (1.05m) LT 17h02 (-1.14m) HT 23h20 (1.30m)	
	2	10h15	F2 (N)	NIL	4/8	1-3km	Flat Calm		
	3	06h30	F1-2 (N)	Light Rain - Continuous	6/8	1-3km	Flat Calm		
	Browns Bay	08h55	F1-2 (N)	Light Rain - Discontinuous	6/8	1-3km	Flat Calm		
	1	13h00	F2 (N)	NIL	6/8	1-3km	Flat Calm		
	2	14h10	F2 (N)	NIL	4/8	1-3km	Flat Calm		
	3	16h25	F1-2 (N)	Light Rain - Continuous	6/8	1-3km	Flat Calm		
	Browns Bay	15h20	F1-2 (N)	Light Rain - Discontinuous	6/8	1-3km	Flat Calm		
Jul-11	01/07	1	06h45	F1 (N)	NIL	7/8	1-3km	Flat Calm	HT 02h52 (1.31m) LT 09h15 (-1.29m) HT 15h34 (0.91m) LT 21h27 (-0.98m)
		2	08h00	F1 (N)	NIL	7/8	1-3km	Flat Calm	
		3	09h20	F1-2 (N)	NIL	6/8	>3km	Flat Calm	
		Browns Bay	10h45	F1 (N)	NIL	5/8	>3km	Flat Calm	

		1	13h00	F1-2 (NNW)	NIL	7/8	1-3km	Small Waves		
		2	14h20	F2-3 (NNW)	NIL	7/8	1-3km	Small Waves		
		3	16h45	F2-3 (NNW)	NIL	6/8	>3km	Small Waves		
		Browns Bay	15h35	F2-3 (NNW)	NIL	5/8	>3km	Small Waves		
	15/07		1	09h10	F1 (NW)	NIL	7/8	1-3km	Flat Calm	LT 04h34 (-1.22m) HT 10h50 (0.94m) LT 16h43 (-1.04m) HT 23h00 (1.25m)
			2	07h25	F1 (NW)	NIL	7/8	>3km	Flat Calm	
			3	07h45	F1 (NW)	NIL	7/8	1-3km	Flat Calm	
			Browns Bay	11h00	F1 (NW)	NIL	7/8	>3km	Flat Calm	
			1	13h00	F2 (NW)	NIL	6/8	>3km	Flat Calm	
			2	15h20	F1-2 (NW)	NIL	6/8	>3km	Flat Calm	
			3	14h05	F1-2 (NW)	NIL	7/8	>3km	Flat Calm	
	27/07		Browns Bay	16h30	F1-2 (NW)	NIL	7/8	>3km	Flat Calm	
			1	09h00	F2 (N)	NIL	1/8	1-3km	Flat Calm	LT 01h23 (-0.76m) HT 07h39 (0.74m) LT 13h48 (-0.83m) HT 20h10 (0.88m)
			2	06h30	F1 (N)	NIL	2/8	>3km	Flat Calm	
			3	07h45	F1 (N)	NIL	1/8	1-3km	Flat Calm	
			Browns Bay	10h05	F2 (N)	NIL	1/8	>3km	Flat Calm	
			1	16h30	F2-3 (NW)	NIL	1/8	>3km	Small Waves	
			2	13h00	F2 (NW)	Light Rain - Continuous	2/8	>3km	Small Waves	
			3	14h15	F2-3 (NW)	Light Rain - Continuous	1/8	>3km	Small Waves	
	Browns Bay	15h25	F2-3 (NW)	NIL	1/8	>3km	Flat Calm			
	Aug-11	11/08	1	09h10	F2 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	LT 02h39 (-0.97m) HT 08h57 (0.78m) LT 14h53 (-0.84m) HT 21h11 (1.02m)
2			06h30	F1-2 (NW)	Light Rain - Discontinuous	8/8	<1km	Small Waves		

		3	07h45	F2 (NW)	Light Rain - Discontinuous	7/8	<1km	Small Waves	
		Browns Bay	10h20	F2-3 (NW)	Light Rain - Discontinuous	6/8	1-3km	Small Waves	
		1	14h20	F3 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
		2	16h35	F3 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
		3	13h00	F2-3 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
		Browns Bay	15h25	F3 (NW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
	26/08	1	09h30	F2 (N)	Light Rain - Continuous	8/8	<1km	Flat Calm	LT 01h57 (-0.98m) HT 08h18 (0.82m) LT 14h16 (-0.90m) HT 20h35 (1.09m)
		2	06h45	F2 (N)	NIL	7/8	1-3km	Flat Calm	
		3	08h00	F1 (W)	Light Rain - Discontinuous	8/8	1-3km	Flat Calm	
		Browns Bay	10h45	F1-2 (N)	NIL	8/8	1-3km	Flat Calm	
		1	13h00	F2 (N)	Light Rain - Discontinuous	7/8	1-3km	Flat Calm	
		2	14h15	F2 (N)	Light Rain - Discontinuous	7/8	1-3km	Flat Calm	
		3	16h30	F2 (NW)	Light Rain - Discontinuous	7/8	1-3km	Flat Calm	
		Browns Bay	15h25	F2 (NW)	Light Rain - Discontinuous	7/8	1-3km	Flat Calm	
Sep-11	08/09	1	06h30	F2-3 (N)	NIL	4/8	>3km	Small Waves	LT 01h22 (-0.85m) HT 07h45 (0.65m) LT 13h40 (-0.65m) HT 19h56 (0.86m)
		2	07h45	F2-3 (N)	NIL	4/8	>3km	Small Waves	
		3	09h05	F2-3 (NW)	NIL	4/8	>3km	Small Waves	
		Browns Bay	10h25	F2-3 (NW)	NIL	4/8	>3km	Flat Calm	
		1	15h30	F2-4 (N)	NIL	2/8	>3km	Small Waves	
		2	14h15	F2-4 (N)	NIL	2/8	>3km	Small Waves	

		3	13h00	F2-4 (N)	NIL	2/8	>3km	Small Waves	LT 05h41 (-1.62m) HT 11h58 (1.40m) LT 18h01 (-1.53m)
		Browns Bay	16h35	F2-5 (N)	NIL	2/8	>3km	Flat Calm	
	29/09	1	09h45	F2-3 (WNW)	NIL	5/8	1-3km	Small Waves	
		2	07h00	F1-2 (WNW)	NIL	7/8	1-3km	Small Waves	
		3	08h20	F1-2 (WNW)	NIL	7/8	1-3km	Flat Calm	
		Browns Bay	10h50	F1-2 (WNW)	Light Rain - Continuous	5/8	1-3km	Flat Calm	
		1	13h00	F1-2 (W)	NIL	6/8	>3km	Small Waves	
		2	14h15	F2 (W)	NIL	6/8	>3km	Small Waves	
		3	15h30	F2 (W)	NIL	6/8	>3km	Flat Calm	
		Browns Bay	16h40	F2 (W)	NIL	6/8	>3km	Flat Calm	
	18/10	1	07h10	F1-2 (W)	NIL	5/8	>3km	Small Waves	HT 02h08 (0.84m) LT 08h07 (-0.86m) HT 14h23 (0.96m) LT 20h42 (-0.97m)
		2	09h35	F1-2 (W)	Light Rain - Discontinuous	7/8	>3km	Small Waves	
		3	10h50	F2-3 (W)	Light Rain - Discontinuous	7/8	>3km	Small Waves	
		Browns Bay	08h15	F2 (W)	NIL	5/8	>3km	Small Waves	
		1	13h00	F2 (W)	NIL	6/8	>3km	Small Waves	
		2	14h15	F2-3 (NW)	NIL	6/8	>3km	Small Waves	
		3	15h30	F2 (NW)	NIL	6/8	>3km	Small Waves	
		Browns Bay	16h40	F2-3 (NW)	NIL	6/8	>3km	Small Waves	
	04/11	1	10h00	F2-3 (SSW)	NIL	6/8	>3km	Small Waves	HT 05h46 (0.56m) LT 11h31 (-0.50m) HT 17h43 (0.77m)
		2	08h45	F2-3 (SSW)	NIL	7/8	>3km	Small Waves	
		3	07h30	F2-3 (SSW)	NIL	7/8	>3km	Small Waves	

		Browns Bay	11h05	F2-3 (SSW)	NIL	6/8	>3km	Small Waves	HT 01h53 (0.85m) LT 07h46 (-0.91m) HT 14h04 (1.11m) LT 20h27 (-1.11m)
		1	13h00	F2-3 (W)	NIL	5/8	>3km	Small Waves	
		2	14h15	F2-3 (W)	NIL	5/8	>3km	Small Waves	
		3	15h30	F2-3 (SSW)	NIL	6/8	>3km	Small Waves	
		Browns Bay	16h40	F2-3 (SSW)	NIL	6/8	>3km	Flat Calm	
	16/11	1	10h00	F2-3 (SW)	NIL	6/8	>3km	Small Waves	
		2	08h45	F2-3 (SW)	NIL	7/8	>3km	Small Waves	
		3	07h30	F2-3 (SW)	NIL	7/8	>3km	Small Waves	
		Browns Bay	11h05	F2-3 (SW)	NIL	6/8	>3km	Small Waves	
		1	13h00	F2-3 (W)	NIL	5/8	>3km	Small Waves	
		2	14h15	F2-3 (W)	NIL	5/8	>3km	Small Waves	
		3	15h30	F2-3 (SW)	NIL	6/8	>3km	Small Waves	
	Browns Bay	16h40	F2-3 (SW)	NIL	6/8	>3km	Flat Calm		
	30/11	1	10h35	F5-6 (SSW)	Light Rain - Continuous	8/8	1-3km	Small Waves	
		2	09h15	F6 (SSW)	Light Rain - Continuous	8/8	1-3km	Small Waves	
		3	08h00	F6 (SSW)	Light Rain - Continuous	8/8	1-3km	Small Waves	
		Browns Bay*	11h40	F5 (SSW)	Light Rain - Continuous	8/8	1-3km	Flat Calm	
		1	13h10	F4-5 (SW)	Light Rain - Continuous	8/8	1-3km	Small Waves	
		2	14h30	F4-5 (SW)	Light Rain - Continuous	8/8	1-3km	Small Waves	
		3	15h45	F4-5 (SW)	Light Rain - Continuous	8/8	1-3km	Small Waves	
		Browns Bay*	13h00	F4-5 (SW)	Light Rain - Continuous	8/8	1-3km	Flat Calm	

	14/12	1	08h30	F5-6 (W)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	HT 00h54 (0.96m) LT 06h46 (-1.07m) HT 13h04 (1.29m) LT 19h24 (-1.29m)	
		2	09h50	F8 (SW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves		
		3	11h10	F8-9 (SW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves		
		Browns Bay*	09h35	F7 (SW)	Light Rain - Discontinuous	8/8	1-3km	Flat Calm		
		1	12h45	F8-10 (SW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves		
		2	14h05	F7 (SW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves		
		3	15h15	F7 (SW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves		
		Browns Bay*	13h50	F8 (SW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves		
	28/12	1	08h20	F7-8 (WSW)	Heavy Rain - Continuous	6/8	>3km	Small Waves	HT 00h39 (1.10m) LT 06h33 (-1.16m) HT 12h50 (1.34m) LT 19h10 (-1.35m)	
		2	09h50	F8 (WSW)	Heavy Rain - Continuous	7/8	>3km	Small Waves		
		3	11h10	F8-10 (WSW)	Heavy Rain - Continuous	6/8	>3km	Small Waves		
		Browns Bay	Not Counted							
		1	12h45	F8-10 (SW)	Heavy Rain - Continuous	6/8	>3km	Small Waves		
		2	14h05	F7 (SW)	Heavy Rain - Continuous	7/8	>3km	Small Waves		
3		15h15	F7 (SW)	Heavy Rain - Continuous	5/8	>3km	Small Waves			
Browns Bay		Not Counted								
Jan-12	11/01	1	08h10	F4-5 (NNW)	NIL	5/8	1-3km	Small Waves	LT 05h49 (-1.19m) HT 12h07 (1.42m)	
		2	09h25	F4-5 (NNW)	NIL	4/8	1-3km	Small Waves		

		3	10h45	F4-5 (NNW)	NIL	6/8	1-3km	Small Waves	LT 18h24 (-1.43m)	
		Browns Bay*	07h50	F4-5 (NNW)	NIL	5/8	1-3km	Small Waves		
		1	13h15	F4-5 (NW)	NIL	6/8	1-3km	Small Waves		
		2	14h40	F4-5 (NW)	NIL	7/8	1-3km	Small Waves		
		3	15h55	F4-5 (NW)	NIL	5/8	1-3km	Small Waves		
		Browns Bay*	14h20	F4-5 (NW)	NIL	6/8	1-3km	Small Waves		
	25/01		1	09h45	F3-4 (NW)	NIL	8/8	1-3km	Small Waves	HT 00h00 (1.03m) LT 05h51 (-1.13m) HT 12h07 (1.36m) LT 18h25 (-1.37m)
			2	08h20	F3-4 (NNW)	NIL	8/8	1-3km	Small Waves	
			3	11h00	F3-4 (NNW)	NIL	8/8	1-3km	Small Waves	
			Browns Bay*	10h50	F3-4 (NNW)	NIL	8/8	1-3km	Small Waves	
			1	13h00	F3-4 (NNW)	NIL	8/8	1-3km	Small Waves	
			2	14h25	F3-4 (NNW)	NIL	8/8	1-3km	Small Waves	
			3	15h45	F3-4 (NNW)	NIL	8/8	1-3km	Small Waves	
			Browns Bay*	14h05	F3-4 (NNW)	NIL	8/8	1-3km	Small Waves	
Feb-12	08/02	1	08h10	F4 (SW)	NIL	8/8	1-3km	Small Waves	LT 04h49 (-1.22m) HT 11h06 (1.44m) LT 17h22 (-1.49m) HT 23h37 (1.16m)	
		2	09h25	F2 (SW)	NIL	8/7	1-3km	Small Waves		
		3	10h45	F3 (SW)	NIL	8/8	1-3km	Small Waves		
		Browns Bay*	08h00	F4 (SW)	NIL	8/8	1-3km	Small Waves		
		1	13h15	F2-3 (SW)	NIL	8/8	1-3km	Small Waves		
		2	14h45	F3 (SW)	NIL	7/8	1-3km	Small Waves		
		3	16h00	F3-4 (SW)	NIL	8/8	1-3km	Small Waves		
		Browns Bay*	14h25	F3-4 (SW)	NIL	8/8	1-3km	Small Waves		
	22/02		1	08h10	F3-5 (SSW)	Heavy Rain - Continuous	8/8	1-3km	Small Waves	LT 04h50 (-1.08m) HT 11h04 (1.29m) LT 17h20 (-1.34m) HT 23h35 (1.04m)
			2	09h25	F3-5 (SSW)	Heavy Rain - Continuous	8/8	1-3km	Small Waves	

		3	10h45	F3-5 (SSW)	Light Rain - Continuous	8/8	1-3km	Small Waves	
		Browns Bay	08h00	F3-5 (SSW)	Heavy Rain - Continuous	8/8	1-3km	Small Waves	
		1	13h15	F3 (SSW)	Light Rain - Discontinuous	8/8	1-3km	Small Waves	
		2	14h45	F3-4 (SSW)	NIL	8/8	1-3km	Small Waves	
		3	16h00	F3-4 (SSW)	NIL	8/8	1-3km	Small Waves	
		Browns Bay	14h25	F2-3 (SSW)	NIL	8/8	1-3km	Small Waves	
Mar-12	06/03	1	08h10	F2-3 (WSW)	Light Rain - Discontinuous	6/8	1-3km	Small Waves	LT 02h52 (-0.94m) HT 09h08 (1.17m) LT 15h27 (-1.27m) HT 21h45 (1.03m)
		2	09h25	F2-3 (WSW)	Light Rain - Discontinuous	6/8	1-3km	Small Waves	
		3	10h45	F1-2 (WSW)	Light Rain - Discontinuous	5/8	1-3km	Small Waves	
		Browns Bay	08h00	F2-3 (WSW)	Light Rain - Discontinuous	6/8	1-3km	Small Waves	
		1	13h15	F1-2 (W)	Light Rain - Discontinuous	4/8	1-3km	Small Waves	
		2	14h45	F1-2 (W)	Light Rain - Discontinuous	5/8	1-3km	Small Waves	
		3	16h00	F2-3 (W)	Light Rain - Discontinuous	5/8	1-3km	Small Waves	
		Browns Bay	14h25	F1-2 (W)	Light Rain - Discontinuous	5/8	1-3km	Small Waves	
	20/03	1	08h20	F1-2 (S)	NIL	4/8	>3km	Small Waves	LT 03h03 (-0.82m) HT 09h16 (1.04m) LT 15h35 (-1.14m) HT 21h54 (0.91m)
		2	10h35	F1-2 (S)	NIL	3/8	>3km	Small Waves	
		3	07h00	F1-2 (S)	NIL	5/8	>3km	Small Waves	
		Browns Bay	09h25	F1-2 (S)	NIL	4/8	>3km	Small Waves	
		1	14h50	F1-2 (S)	NIL	6/8	>3km	Small Waves	
		2	15h05	F1-2 (S)	NIL	6/8	>3km	Small Waves	

		3	16h20	F1-2 (S)	NIL	6/8	>3km	Small Waves	
		Browns Bay	10h30	F1-2 (S)	NIL	6/8	>3km	Small Waves	
*Only a point count made due to reduced daylight for adequate survey.									