

27x20 + 6
2546 + 234
483

Pollozipus # (#) ^{max}
Swim length ^{work}

11 Bg4, 9 Ch2, 12 Bg3, 10 Bg6, 12 Ch2, 12 Ch1 (all)
13 Bg5, 11 Bg4, 11 Bg3, 12 Bg7, 9 Ch1, 10 Ch2, 11 Ch2,
10 Bg3, 11 Bg7, 15 Bg4, 15 Bg5, 12 Ch2, 11 Ch2,
13, 9, 14, 16, 12, 15, 13, 9, 9, 14, 12, 10, 13, 11, 17, 12, 13,
15, 16, 13, 11, 11, 13, 11, 12, 10, 12, 9, 8, 8, 7, 10, 10, 18,
19, 10, 14, 13, 11, 13, 8, 15, 15, 12, 9, 8, 13, 14, 12, 8,
10, 12, 13, 13, 14, 12, 14, 9, 15, 11, 11, 13, 10, 10, 10, 10, 11,
13, 15, 13, 12, 14, 10, 12, 15, 11, 12, 10, 10, 12, 13, 9, 13, 16, 17,
17, 11, 17, 13, 16, 14, 12, 12, 17, 16, 13, 17, 13, 19, 12, 21,
11 Ch2, 12 Ch2, 13 Sc7 all, 15 Bg4, 16 Bg6, 21 Bg7,
13 Bg28 (all), 14 Bg2, 14 Bg3, 17 Bg3, 11 Ch2, 16 Ch1,
14 Bg3, 15 Bg3, 16 Bg4, 15 Bg2, 17 Bg10, 16 Bg3,
17 Bg3, 17 Bg3 (all), 12 Ch2, 14 Ch2, 11 Ch2, 12 Bg2,
16, 13, 12, 14, 20, 15, 16, 11, 15, 11, 16, 18, 16, 11, 15, 14, 11, 11, 15,
17, 15, 9, 13, 14, 14,
14 Bg5, 11 Ch1, 12 Ch2, 12 Ch2, 10 Ch2, 17 Bg3, 15 Bg7,
13 Bg4, 15 Bg7, 11 Ch2 (all) END 10:25

6/7/13 Vachek Bay South of Range Site

Patch #3 (Ship) - Row hatched patch

Clear sky, low waves

Start 6:22am

Nc 16, 8, 13, 16, 14, 13, 14, 14, 16, 14, 12, 21, 15, 16, 14, 13, 6, 5,
12, 10, 9, 8, ~15, 11, 10, 6, 8, 21, 6, 19, 14, 22, 12, 17, 16,
No 13, 12, 10, 10, 12, 14, 17, 14, 15, 15, 12, 12, 11, 12, 18, 14, 9, 11, 11, 14, 13, 13,
11 13, 12, 12, 9, 14, 15, 15, 10, 14, 9, 12, 11, 14, 12, 20, 13, 22, 14,
8, 11, 16, ~13, ~10, 10, 5, 13, 12, 13, 14, 12, 11, 16, 12, 10, 12, 9, 8, 11, 14, 15, 12,
No 12 Ch1, 16 Bg2, 7 Bg1, 8 Bg4, 17 Sc2, 18 Bg6, 14 Bg1,
15 Lasing 6, 15 Bg2, 20 Bg2, 9 Bg4, 17 Bg2, 13 Bg2, 10 Sc1,
Nc 15 Bg1, 8 Sc1, 14 Sc1,

No 13, 7, 15, 12, 3, 15, 15, 13, 11, 10, 12, 15, 12, 13, 15, 16, 9, 15, 10,
No 10 Bg1, 8 Bg1, 10 Bg1, 9 Bg1,
Nc 12 Sc2,
Nc 10, 16, 8, 20, 10, 9, 7, 8, 12, 9, 14, 16, 11, 7, 18, 20, 15, 12, 9,
16 ~18, END 7:15

Patch #2 - Pollozipus dominated

Start 7:15

No 14, 18, 8, 20, 16, 15, 16, 17, 13, 16, 18, 16, 12, 19, 18, 13, 16, 9,
3, 11, 17, 14, 14, 15, 18, 16, 17, 17, 18, 14, 20 (large egg), 12, 14,
16, 18, 15, 20, 15, 20, 19, 17, 19, 20, 19, 20, 16, 15, 20 (large egg), 18, 21,
12, 19, 17, 18, 18, 15, 16, 17, 21, 14, 17, 16, 16, 10, 16, 17, 18, 16, 14, 17,
Nc 13, 19, 17, 9, 16, 10, 13, 8, 10, 13, 11, 8, 14, 10, 11, 14,
20, 9, 8, 14, 9, 15, 19,
No 18, 19, 12, 17, 16, 17, 18, 17, 17, 16, 18, 21, 16, 15, 16,
No 16 Bg3, 20 Bg3, 16 Bg14, 14 Bg3, 15 Bg3, 15 Bg24 (all),
No 12 Bg2, 19 Bg2, 18 Bg3, 17 Bg3 (2), 11 Bg1, 17 Bg4,
18 Ch2, 20 Bg4, 20 Bg4, 19 Bg4, 18 Bg4, 15 Bg3, 18 Bg2,
Nc 15 Bg1, 9 Bg3, 14 Bg2, 12 Bg2, 19 Bg1, 18 Bg4,
18 Bg2, 7 Bg3,
No 9 Bg1, 16 Bg1, 17 Bg4, 18 Bg4, 16 Bg3, 19 Bg2, 17 Bg3, 9 Bg2,
20 Bg3, 17 Bg3, 16 Bg3, 18 Bg2, 20 Bg4, 19 Bg3, 17 Bg4 (all),
16 Bg2, 15 Bg2, 13 Ch2 (all), 12 Bg2 (4), 11 Bg1, 12 Bg4 (6),
14 Ch1, 18 Bg6 (3), 13 Bg2, 14 (all), 17 Bg3, 16 Bg2,
No 19, 17, 19, 21, 12, 15, 18, 14, 17, 15, 18, 14, 17, 17, 16,
19, 8, 19, ~15, 14, 16, 13, 20, 17, 16, 17, 16, 12, 20, 17, 12,
15, 16, 18, 18, 17, 17, 16, 18, 15, 17, 16, 17, 20, 17, 16, 18,
17, 16, 14, 17, 20, 16, 17, 12 ~20, ~18, ~15, ~15, 12, 14, 14, 17,
14, 16, 16, 15, 16, 24, 16, 12, 11, 21, 17, 15, 16, 18, 16, 14, 18, 15,
No 17 Bg3, 16 Bg3, 16 Bg21 (all), 19 Bg10, 17 Bg14,
17 Bg2, 15 Bg21 (all), 15 Bg7, 17 Bg4, 14 Bg4, 18 Bg3,
14 Bg3, 16 Bg3, 16 Bg3, 14 Bg2 (3), 14 Bg4 (all), 18 Bg4, the rain

Ne 10, 20, 10, 17, 14, 16, 23, 22, 15, 16, 20, 16, 16, 17, 17
 No 17, 16, ~14, 17, ~15, 16, 13, 13, 15, 13, 11, 14, ~15, 18, 15, 13,
 12, 17, 16, 18, 16, 17, 18 18(egg), 17(egg), 16(egg), 17, 20(egg)
 15, 15, 13, 15, 10, 12, 16, 12, 13, 14, 14, 16, 15, 14, 18, 14, 16, 16, 17,
 No 18 $\pi+8$, 16 $\pi+2$ (2ull), 11 $\pi+2$, 16 $\pi+12$, 15 $\pi+10$ (2ull)
 16 $\pi+13$, 14 $\pi+9$ (2ull), 14 $\pi+14$, 16 $\pi+20$, 14 $\pi+20$, 17 $\pi+11$,
 Ne 17 $\pi+7$, 24 $\pi+3$ (2ull), 14 $\pi+23$ (2ull)
 No 16, 15, 14, 13, 10, 15, 16, 19, 18, 13, 17, 16(egg), 18, 16, 18, 17(egg)
 No 18, 17, 15, 15, 9, 15, 17, 18, 18, 22, 20, 14, 15, 15, 15, 17, 15,
 14, 18, 16, 15, 15, 17, 14, 16, 17, 15, 16, 19, 17, 17, 15, 15, 20, 15, 11, 18,
 17, 16, 19, 18, 10, 16, 17, 15, 17, 16, 17, 15, 17, 14, 15, 13, 16, 18,
 Ne 19, 14, 19, 20, 18, 12, 18, 12, 13,
 No 15 $\pi+2$, 19 $\pi+9$, 15 $\pi+2$, 17 $\pi+2$, 15 $\pi+3$
 No 16, 17, 16, 20, 15, 14, 18, 17(egg), 12, 17, 20, 16, 15, 15, 17
 END 9/22 (waves coming up) 2hrs 89 220
 227 89

Nc 13, 24, 17, 17, 7, 10, 9, 14, 16, 22, 13, 14, 18
No 11 Bg 3 dill, 1 L S (Luna) 5, 13 CRZ, 10 CRZ, 18 Bg 4,
13 A Z, 11 G F, 14 H T S, 16 M + 4, 18 M + 22, 18 M + 3,
Nc 14 M + 4, 14 M + 1 (dill), 17 M + 10 (dill), 10 M + 9 (dill)
No 11, 14, 10, 10, 16, 12, 14, 18, 14, 15, 7, 12, 15, 12, 15, 12, 10, 16, 15, 18
13, 16, 10, 12, 14, 11, 18, ~12, U7, 18 (egg), 15, 15, 13, 16 (egg), 13, 15,
16, 13, 14, 15, 17, 16, 20, 12, 12, 16, 16, 18, 16, 12, 14, 20
No 15 M + 7 dill, 14 Bg 3, 15 M + 12 (dill), 11 M + 6 (dill)
13 M + 15, 19 M + 18 (dill), 16 CRZ, 13 CRZ, 13 CRZ, 14 CRZ,
Nc 16 M + 20 (dill), 17 M + 3, 11 M + 19 (dill)
No 18, 15, 16, 14, 14, 13, 13, 16 (egg), 13, 16, 16 (egg), 15, 17, 15,
17, 17, 16, 13, 12, 13, 16, 13, 15, 14, 12, 16, 16, 10, 13, 11,
16, 14, 14, 13, 13, 15, 14, 14, 18, 17, 13, 15, 18, 19, 15, 14,
14, 19, 11, 19, 10, 18, 11, 15, 17, 13, 16, 18, 12, 14, 15, 11, 16, 11,
16, 15, 16, K 1, 2, 15, 14, 13, 18, 15, 10, 14, 14, 12, 18, 17 egg
No 15 CRZ, 14 Bg 4, 15 M + 7, 14 CRZ, 17 M + 11 (dill)
~~Keg~~
16 Bg 4 dill, 14 Bg 4, 14 Bg 4, 16 CRZ,
15 Bg 3 dill, 12 CRZ, 15 M + 16 (dill), 13 M + 5 (egg),
17 M + 20 (dill), 15 M + 12, 17 Bg 4, 16 CRZ, 16 CRZ,
No 13, 14, 14, 14, 16, 14, 12, 13, 15, 13, 16, 14, 16, 12,
10, 17, 13, 15, 15, 16, 9, 19, ~16, 20, 15, 15, 17, 13, 11, 20,
14, 15, 12, 12, 16, 16, 10, 10, 16, 19, 19, 15, 20, 15, 15, 16, 16, 15, 16,
16, 14, 16, ~15, 14, 18, 14, 16, 14, 16, 16, 19, 15, 14, 18, 13, 11, 16, 16, 17,
No 16 CRZ, 14 M + 12, 17 M + 10, 10 M + 17 (dill), 16 Bg 4,
13 M + 15, 13 Bg 2 (dill), 10 CRZ, 14 CRZ, 14 Bg 5, 16 CRZ
14, 17, 12, 16, 18, 16, 16, 13, 14, 12, 15, 17, 15, 11, ~8, 15, 18
17, 15, 20, 15, 16, 15, 16, 15, 16, 11, 12, 15, 14, 13, 16, 13, 14, 18, 18, 13,
15, 18, 14, 15, 16, 12, 15, 17, 17, 16, 15, 16, 18, 19, 15, 15, 13, 13, 12,
20, 14, 15, 17, 14, 15, 15, 18, 17, 19, 14, 14, 16, 14, 14, 16, 14, 15, 14
10, 15, 14, 16, 17, 17, 16 (egg), 14, 16, 14, 12, 15, 14, 19, 16, 17,
14, 16, 14, 15, 17, 16, 14, 18, 15, 12, 14, 11, 14, 14, 17, 11, 13,
No 15 M + 18 dill, 15 Bg 4, 15 M + 10 dill, 13 CRZ,
~17, 12, 14, 16, 12, 13, 16, 18, 17, 16, 18, 18, 17, 16, 17, Little in the Rain
K 13, 13, 16, 17, 15, 16, 19, 13.

N=16, 16, 15, 16, 14, 15, 15 (avg) 16, 15, 15 (avg), 15, 17, 17, 15, 17, 16,
 N=18 17+6, 13 CK 2, 17 ~~CK 2~~, 13 CK 2,
 16, 15, 12, 16 (avg), 18, 18, 18, 13, 16, 17, 10, 10, 16, 12, 17, 16, 15, 13,
 N=17, 85% survival END 10:11 94 = 14.5 15, 12, 11

So far:

Snails/hrs: $\frac{647}{3} + \frac{426}{2} + \frac{142}{1} + \frac{733}{45} \quad \bar{x} = \frac{2000}{10.5} = 190.5/\text{hr}$

$94 + 89 + 22 + 239 = \frac{444}{10.5} = 44/\text{hr}$ avg 222%
Seed

6/10/13	Patch #5	Clearing	Start 5:50
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No 15, 10, 17, 10, 14, 10, 15, 14, 16, 13, 17, 16, 15, 17, 14, 16, 17, 14, 16, 16, 17,
13, 17, 15, 14, 11, 13, 2, 14, 11, 13, 11, 11, 13, 12, 16, 15, 14, 11, 8, 16, 11, 15, 15, 13, 16, 13, 13,
16, 16, 16, 17, 13, 15, 15, 12, 11, 14, 12, 14, 6, 12, 10, 14, 15, 9, 11, 13, 9, 14, 15,
No 18, 10, 11, 9, 10, 18, 16, 20, 17, 21, 6, 10, 19, 16, 17, 10, 9, 17,
No 8 π 2, 7 χ 2, 15 χ 2, 12 χ 2, 12 χ 2, 15 χ 2,
13 π 3, 15 χ 2 Δ , 13 χ 2, 14 χ 1, 13 π 2, 14 π 3, 14 χ 2,
15 π 3, 16 π 7 Δ , 16 χ 4 Δ , 12 π 3, 8 π 5 Δ , 15 χ 3 Δ ,
No 16 χ 2, 3 π 1, 9 π 3, 15 χ 3 Δ , 12 π 15 Δ ,
No 13, 12, 12, 14, 14, 15, 17, 17, 15, 10, 11, 15, 15, 15, 14, 15, 16, 8, 11,
No 8, 8, 18, 10, 12, 15, 14, 15, 15, 15, 14, 11, 11, 13, 13, 15, 13, 12, 18, 17, 13,
15, 16, 15, 16, 13, 14, 15, 10, 12, 15, 14, 16, 15, 13, 11, 13, 13, 13, 14, 8, 18,
9, 13, 13, 15, 16, 10, 18, 7, 14, 17, 16, 9, 14, 11, 16, 15, 16, 13, 15, 15, 17, 17,
No 8 π 3, 11 χ 2, 13 χ 2, 17 χ 1, 14 π 3, 14 π 4, 14 π 2,
19 χ 2, 13 χ 2 Δ , 13 π 4, 15 π 6, 15 χ 6 Δ , 15 χ 2,
15 χ 1, 16 π 17 Δ , 12 π 4, 12 χ 1 Δ , 16 π 4, 13 π 6,
No 16, 7, 8, 7, 10, 13, 16, 5, 14, 4, 17, 9, 7, 10, 9, 18, 10, 11, 14, 17,
No 13, 16, 20, 17, 14, 14, 15, 15, 11, 13, 6, 15, 15, 15, 15, 15, 14, 16, 10,
15, 17, 16, 17, 9, 10, 13, 13, 13, 15, 17, 10, 15, 16, 15, 14, 15, 10, 16,
14, 16, 17, 11, 11, 16, 16, 14, 17, 12, 2, 13, 13, 9, 10, 14, 13, 15, 13, 15,
11, 13, 14, 15, 9, 15, 14, 15, 11, 14, 17, 11, 16, 14, 9, 11, 11, 12, 14, 13, 12, 19,
14, 15, 16, 12, 14, 15, 14, 14, 14, 12, 12, 16, 17, 17, 14, 15, 15, 12,
No 13 χ 2, 11 χ 2, 15 χ 2, 13 χ 2, 12 π 10 Δ , 13 χ 2 Δ ,
12 χ 2, 14 π 4, 13 π 2,

No 10, 9, 12, 15, 14, 18, 12, 15, 11, 7, 10, 9, 11, 12, 12, 13, 19, 10,
 14, 10, 14, 13, 9, 13, 14, 17, 10, 16, 11, 13, 13, 22, 11, 12, 9, 7,
 No 9 nt 3, 12 nt 3, 10 OK 1 all, 10 nt 2 all, 15 OK 3 13 B, 2,
 16 nt 11 all, 10 OK 2, 15 B, 4, 10 OK 2, 16 B, 4, 14 OK 1
 20 OK 2, 14 nt 2, 13 nt 5 all, 13 nt 10 all, 15 nt 10, 14 OK 1,
 No 14, 11, 11, 13, 9, 16, 14, 15, 14, 12, 13, 13, 17, 18, 11, 15, 9, 11, 19, 13,
 17, 16, 13, 14, 4, 5, 12, 15, 17, 15, 17, 18, 14, 12, 15, 15, 12, 12, 14, 15,
 13, 14, 13, 14, 14, 12, 17, 15, 12, 11, 10, 14, 10, 8, 13, 10, 17, 15, 13,
 15, 18, 13, 13, 14, 13, 14, 17, 17, 14, 17, 17, 13, 16, 16, 9, 14, 12, 15, 13,
 14, 8, 10, 13, 10, 10, 15, 16, 11, 20, 15, 15, 12, 11, 16, 4, 10, 16, 17, 13,
 15, 16, 13, 14, 17, 10, 13, 15, 13, 13, 15, 14, 13, 16, 13, 13, 15, 17, 17, 10,
 No 10 nt 3, 12 nt 6 all, 14 nt 6, 14 nt 7 all, 11 nt 4, 10 OK 1,
 No 11, 10, 13, 15, 13, 15, 16, 16, 13, 16, 13, 15, 17, 14, 19, 16,
 13, 14, 18, 17, 16, 16, 17, 14, 11, 10, 15, 15, 15, 13, 10, 17, 17, 16, 16,
 19, 18, 16, 13, 13, 17, 15, 14, 14, 17, 15, 7, 15, 18, 13, 13, 15, 13, 15, 15, 16, 16,
 No 17 nt 11, 17 nt 11, 18 nt 5, 15 nt 18 all, 11 nt 9 all, 16 nt 6,
 No 16 OK 1 14 L 5 all, 15 B, 1, 13 nt 2, 14 nt 3, 17 B, 3,
 16 nt 12, 15 B, 3, 16 nt 16 all, 16 nt 11 all, 13 nt 12 all,
 No 12, 9, 7, 12, 11, 13, 16, 11, 11,
 No 16, 12, 15, 18, 15, 10, 9, 15, 11, 16, 18, 16, 17, 16, 14, 14, 16, 21, 19,
 12, 16, 17, 15, 15, 15, 12, 11, 12, 16, 16, 15, 15, 17, 14, 15, 20, 18, 15,
 11, 18, 13, 16, 11, 16, 15, 16, 16, 15, 15, 12, 18, 19, 16, 19, 15, 15, 15, 16,
 17, 15, 16, 18, 18, 8, 11, 15, 16, 14, 15, 16, 16, 10, 14, 14, 14, 15, 17,
 No 15 nt 13 all, 18 No 11 all (not killed), 16 B, 3,
 16 nt 13, 10 nt 3, 18 nt 18, 17 B, 3, 17 nt 8, 18 nt 16,
 No 14, 13, 14, 10, 12, 15, 13, 12, 17, 14, 16, 14, 11, 18, 23, 17, 12,
 15, 12, 17, 15, 15, 13, 18, 17, 14, 15, 13, 13, 14, 14, 14, 10, 15, 18, 17, 17,
 No 16 B, 3, 17 nt 17, 13 B, 3, 14 nt 3, 17 nt 17, 13 B, 3,
 16 nt 11, 14 B, 3, 12 nt 14, 10 OK 1, 13 B, 3, 16 B, 18 nt 13, 17 nt 4,
 10 OK 2, 12 B, 3, 15 B, 3, 16 B, 3, 12 nt 4, 14 nt 6,
 No 12, 14, 14, 13, 14, 19, 15, 11, 14,

Rite in the Rain

Nc 11, 7, 20, 9,

No 13n+6, 17n+15d, 13B, 4, 18B, 4, 14n+5, 15n+18d
 14n+ad, 8ch, 1d, 10ch, 2, 7n+18d, 19n+23d, 9ch, 1,
 No 15, 12, 20, 18, 17, 16, 16, 15, 12, 15, 16, 11, 14, 16, 15, 10, 15, 12, 13, 14,
 16, 17, 17, 16, 14, 12, 15, 13, 10, 8, 8, 13, 16, 11, 12, 12, 13, 10, 12,
 10, 15, 9, 10, 10, 9, 11, 10, 9, 10, 9, ~6, 12, 16, 12, 10, 10, 12, 11, 9, 13,
 10, 10, 21, 10, 11, 12, 12, 14, 10, 11, 14, 10, 12, 17, 10, 10, 12, 10, 15,
 No 14ch, 2, 12ch, 2, 12ch, 1, 15ch, 2, 11ch, 2, 11ch, 4,
 9ch, 2, 11ch, 2, 11B, 3, 12n+4, 11ch, 1, 11ch, 1, 15n+15d,
 13B, 2, 15n+5, 9n+3, 16B, 4, 10n+2, 9n+2, 9ch, 2,
 No 13, 9, 11, 10, 10, 11, 13, 16, 11, 12, 10, 16, 16, 12, 11, 11, ~9, 9, 12, 16,
 14, 10, 10, 11, 12, 12, 13, 15, 11, 15, 10, 10, 13, 11, 10, 10, 10, 11, 10, (10:00)
 15, 14, 14, 10, 7, 11, 11, 9, 10, 11, 12, 11, 11, 19, 11, 11, 17, 10, 13, 7, 14, 14,
 10, 11, 14, 10, 12, 10, 16, 11, 12, 11, ~10, 14, 11, 11, 14, 17, 10, 10, 10,
 13, 10, ~12, 15, 11, 9, 9, 10, 9, 10, 10, 12, 12, 16, 11, 15, 12, 13, 13,
 15, 12, 13, 11, 15, 12, 13, 9, 16, 18, 16, 13, 15, 13, 13, 11, 12, 15, 12,
 14ch, 2, 17ch, 2, 11B, 3, 12ch, 2, 11n+6d, 1ch, 1,
 13B, 3, 15n+5, 12n+4d, 14n+7, 10ch, 2d, 12n+11d,
 4/4hrs END "10:23" 168

6/23/13 VR Patch 6 Overcast + drizzle
 Start 5:55 Barometric Relatively calm
 No 16, 11, 15, 16, 14, 13, 20, 15, 11, 14, 19, 13, 10, 15, 11, 13, 16, 13, 9, 12, 10,
 12, 11, 12, 10, 16, 13, 11, 11, 10, 11, 12, 18, 12, 13, 11, 17, 12, 11, 11,
 9, 10, 15, 14, 10, 16, 13, 17, 11, 17, 13, 15, 15, 7, 9, 10, 15, 13, 3,
 13, 16, 10, 17, 16, 13, 11,
 No 17B, 2, 14B, 3, 12B, 2, 14B, 2, 10B, 2, 14B, 2d, 12B, 2d,
 15B, 3, 15B, 3, 13B, 3, 12B, 2, 15B, 2, 10B, 2, 16B, 3, 13B, 2,
 17B, 2, 13B, 2, 14B, 3, 14B, 3, 12B, 2, 12B, 2, 15B, 2, 12B, 1,
 Ne 9, 17, 13, 8, ~6, 10, 13, 9, 12, 11, 11, 9, 9, 15, 13, 15, 13, 15, 13, 14,
 Ne 15B, 3, 9B, 2, 14B, 3,
 Ne 15,

Nc 11B, 1, 13B, 2, 13B, 2, 14B, 3, 13B, 3, 11B, 2, 13B, 4,
 15B, 2, 15n+6, 11B, 2d, 11B, 2, 8B, 1, 12B, 2, 21B, 2,
 No 10, 12, 13, 11, 10, 15, 15, 17, 17, 13, 11, 13, 10, 10, 12, 12, 14, 15, 10,
 14, 10, 11, 16, 16, 9, 14, 15, 15, 12, 10, 12, 12, 11, 14, 12, 9, 11, 9, 11,
 Ne 13B, 2, 18B, 2, 16B, 2, 14B, 2, 15B, 2, 15B, 2,
 No 14, 13, 13, 13, 12, 7, 13, 16, 15, 8, 3, 13, 12, 9, 13, 11, 15,
 No 9B, 2, 9B, 2, 14B, 2, 14B, 3, 16B, 2, 16n+7, 10B, 3,
 11B, 3, 73B, 2, 11B, 2, 15B, 3, 13B, 2, 10B, 2, 16B, 2,
 10, 12, 14, 12, 15, 16, 10, 17, 15, 11, 13, 17, 11, 15, 12, 16, 13, 8, 17, 12,
 13, 15, 15, 16, 17, 16, 12, 13, 10, 13, 3, 13, 14, 13, 13, 14, 14, 11,
 13, 12, 14, 14, 14, 15, 13, 16, 17, 13, 14, 12, 17, 16, 16, 16,
 10, 13, 11, 13, 13, 14, 12, 15, 16, 14, 16, 17, 13, 13, 21, 15, 11,
 Ne 12, 12, 10, 23, 10, 15, 24, 22, 21, 18, 17, 12, 14,
 No 7B, 2, 17B, 3, 18B, 2, 18B, 3, 15B, 2, 15B, 3,
 Ne 17B, 2, 9B, 2, 16B, 2, 10B, 2, 15B, 3, 14B, 3,
 No 15B, 3, 15B, 3, 13B, 2, 14B, 2, 15B, 3, 16n+5d,
 No 13, 11, 14, 15, 15, 13, 10, 13, 15, 14, 12, 14, 13, 13, 11, 16,
 14, 11, 13, 14, 13, 18, 14, 16, 13, 11, 13, 15, 15, 10, 14, 14, 20,
 No 15B, 2, 16B, 3, 16n+11, 14B, 2, 12B, 2, 12B, 3,
 12B, 2, 16B, 2, 11n+9d, 14B, 2, 21B, 2, 16B, 2, 15B, 2, 20B, 2,
 No 9, 17, 10, 11, 13, 14, 8, 11, 14, 10, 12, 11, 14, 12, 12, 15, 14, 13, 8, 8,
 No 15B, 3, 16B, 3, 13B, 3d, 11B, 2, 12B, 1, 15B, 2,
 Ne 14B, 1, 22B, 2, 16B, 3, 11B, 3, 15B, 2,
 Ne 13, 13, 13, 15, 13, 14, 15, 16, 19, 18, 7, 20, 21, 10,
 No 15, 13, 15, 13, 16, 13, 16, 11, 14, 17, 13, 15, 13, 15, 16, 15, 12, 13, 2,
 No 16n+11, 4B, 2, 13B, 2, 13B, 3, 11ch, 1, 12B, 3, 13B, 2,
 Ne 15, 16, 16, 19, 10, 11, 11, 13, 15, 10, 18, 11, 10, 13, 14, 13, 11,
 15, 15, 13, 10, 16, 16, 13, 11, 9, 18, 11, 13, 11, 15, 14, 17, 14,
 11, 14, 14, 15, 16, 12, 16, 14, 14, 13, 10, 18, 15, 15, 20, 15,
 No 10B, 2, 15B, 2, 11B, 2, 15B, 2, 12B, 1,

Nc 15, 11, 12, 13, 12, 14, 12, 16, 20, 15, 14, 15, 12, 15, 19, 20,
14, 13, 11, 11, 12, 11, 16, 12, 13, 10, 15, 13, 15, 12, 17, 17, 10,
Nc 12 B₂, 2, 14 B₂, 2, 16 B₂, 2, 18 B₂, 3,
No 16 B₂, 3, 18 B₂, 11, 14 B₂, 3, 14 B₂, 12, 13 B₂, 2, 15 B₂, 3,
Nc 14 B₂, 6, 11, 13, 15, 13,
No 14 B₂, 3, 16 B₂, 3, 16 B₂, 3, 17 B₂, 3, 16 B₂, 2, 13 B₂, 2, 14 B₂,
15, 12, 12, 15, 12, 17, 13, 12, 14, 12, 14, 15, 13, 16, 11, 22,
Nc 13 B₂, 2, 16 B₂, 2, 11 B₂, 2, 18 B₂, 3, 15 B₂, 4, 11,
No 13 B₂, 2, 15 B₂, 1, 14 B₂, 2, 12 B₂, 8, 14, 13 B₂, 2, 15 B₂, 2,
No 12 B₂, 4, 1, 12, 13, 14, 13, 10, 14, 11, 15, 15, 16, 11, 12, 15, 13,
Nc 11, 15, 21, 23, 16, 23, 7, 15, 13, 22, 21,
No 14 B₂, 3, 16 B₂, 2, 14 B₂, 2, 15 B₂, 3, 14 B₂, 3, 14 B₂, 2, 12 B₂, 2,
No 13, 14, 15, 16, 8, 12, 16, 13, 17, 5, 14, 14, 14, 17, 14, 15, 15,
No 15 B₂, 2, 16 B₂, 3, 14 B₂, 2, 12 B₂, 2, 16 B₂, 2, 20 B₂, 2,
No 15, 10, 17, 12, 16, 16, 22, 16, 17, 15, 16, 17, 15, 17, 17,
No 17 B₂, 2, 13 B₂, 2, 14 B₂, 2, 13 B₂, 6, 15 B₂, 1, 16 B₂, 2,
15 B₂, 2, 12 B₂, 4, 12 B₂, 6, 15 B₂, 2, 14 B₂, 3, 15 B₂, 4,
No 13, 13, 5, 13, 15, 13, 15, 13, 14, 13, 14, 15, 15,
15, 16, 15, 14, 16, 17, 15, 17, 15, 13, 15, 15, 16, 17, 13,
No 13 B₂, 3, 13 B₂, 3, 14 B₂, 3, 13 B₂, 3, 14 B₂, 3, 17 B₂, 2,
Nc 15 B₂, 3, 18 B₂, 3, 14 B₂, 2, 16 B₂, 3, 15 B₂, 3, 13 B₂, 3,
No 15 B₂, 3, 17 B₂, 4, No 14 B₂, 3, 18 B₂, 2, 13 B₂, 4,
14 B₂, 4, 11 B₂, 4, 17 B₂, 3,
Nc 15 B₂, 3, 18 B₂, 3, 14 B₂, 2, 16 B₂, 3, 15 B₂, 3, 13 B₂, 3,

N1 11 B₂ 2 14 B₂ 2 15 C₁ 1, 7 B₁ 1 B₂ 2, 12 B₁ 5, 22, 19, 17,
 9 B₁ 1 11 B₂ 2, 10 B₂ 2, 13 B₁ 1, 16 B₂ 2, 14 B₂ 2, 9, 7, 16, 11, 6
 10, 10, 10, 15, 12, 13, 10, 8, 8, 13, 13, 12, 17, 12, 12, 16, 12, 16, 16,
 16, 14, 11, 10, 13, 3, 8, 10, 5, 10, 12, 11, 14, 2, 15, 11, 14,
 17 = 1, 8, 11, 14, 11, 15, 14, 15, 2, 16, 14, 14, 11, 15, 11, 12, 11
 N. 10 B₁ 1, 16 B₁ 6, 14 B₂ 2, 13 B₂ 2, 14 B₂ 2, 10 B₁ 8, 2, 16,
 13 B₂ 2, 11 B₂ 2, 13 B₂ 2, 13 B₂ 2, 13 B₂ 3, 9 B₁ 13, 14, 10, 10
 13 B₂ 2, 14 B₂ 2, 15 B₂ 2, 13 B₂ 2, 16 B₂ 2, 13 B₂ 2, 14, 12
 N. 12, 14, 13, 11, 12, 12, 8, 11, 10, 11, 12, 12, 16, 16, 10, 13, 11, 13, 10, 13
 5, 17, 7, 12, 15, 14, 11, 12, 12, 8, 15, 8, 10, 13, 7, 11, 7,
 8, 16, 12, 14, 14, 12, 10, 15, 2, 15, 12, 16, 12, 15, 14, 12, 11
 N. 16, 12, 12, 2, 13, 13, 10, 9, 9, 12, 12, 9, 12, 15, 14, 11, 10
 N. 15 B₂ 3, 16 B₂ 2, 12 B₂ 2, 12 B₂ 2, 11 B₂ 2,
 N. 15 B₂ 3, 15 B₂ 2, 18 B₂ 2, 13 B₂ 2, 16 B₂ 2, 14 B₂ 2,
 14 B₂ 2, 14 B₂ 2, 14 B₂ 3, 14 B₂ 2, 15 B₂ 2, 15 B₂ 2, 17 B₂ 3,
 17 B₂ 2, 14 B₂ 2, 14 B₂ 2, 14 B₂ 2, 11 B₁ 1, 11, 14, 15 B₂ 3, 12, 11,
 N. 15, 12, 12, 9, 14, 15, 16, 14, 17, 15, 12, 14, 8, 15, 11, 15, 9, 16,
 15, 9, 18, 13, 15, 18, 14, 16, 9, 17, 10, 8, 20, 16, 16, 16,
 8, 12, 11, 12, 9, 10, 11, 9, 11, 11, 13, 13, 14, 13, 13, 14, 6, 10, 9,
 N. 15, 7, 13, 10, 14, 9, 11, 9, 8, 8, 11, 8, 10, 10, 8, 10,
 15, 8, 8, 10, 12, 15, 10, 2, 23, 11, 10, 6, 12, 9, 10, 8, 7, 14,
 N. 9, 10, 14, 12, 15, 14, 12, 13, 15, 14, 15, 16, 12, 10, 16, 16,
 17, 14, 11, 15, 14, 13, 14, 13, 14, 17, 16, 15, 18, 14, 14, 9, 11,
 14, 15, 16, 18, 11, 16, 10, 15, 15, 15, 13, 14, 12, 13, 15, 13,
 N. 12 B₂ 2, 21 B₂ 3, 10 B₂ 2, 17 B₁ 1, 14 B₂ 3, 14 B₂ 2, 18 B₂ 3,
 13 B₂ 2, 7 B₁ 1, 10 B₂ 2, 14 B₂ 4, 14 B₂ 2, 16 B₂ 2, 18 B₂ 2,
 N. 14, 12, 6, 10, 10, 7, 16, 7, 9, 10, 11,
 N. 14, 13, 13, 14, 15, 17, 13, 13, 12, 13, 16, 13, 13, 16, 10,
 14, 17, 17, 13, 15, 15, 15, 15, 15, 16, 14, 10, 19, 11, 13, 11, 15,
 13, 18, 15, 15, 14, 12, 16, 16, 17, 13, 17, 16, 17, 15, 17
 N. 14 B₂ 2,

Nc 8B2, 7d6, 11B2, 15B3, 12B2, 17B2,
 Nc 11, 10, 6, 14, 8, 13, 11, 9, 6, 12, 14, 9, 7, 15, 12, 13, 13,
 No 4, 15, 14, 16, 11, 9, 16, 12, 10, 10, 14, 11, 10, 8, 14, 14, 12,
 No 14, 10, 10, 13, 13, 12, 12, 14, 16, 13, 14, 13, 15, 9, 11,
 No 16, 8, 2, 12B2, 12B2, 12B2, 12B2, 12B2, 12B2, 12B2, 14B2,
 13B2, 10B2, 16B2, 16B2, 15B2, 15B2, 15B2, 15B2, 15B2,
 Nc 9, 8, 7, 15, 9, 13,
 No 12B2, 13B2, 15B2, 15B2, 15B2, 15B2, 15B2, 15B2,
 No 13, 10, 15, 14, 18, 13, 15, 16, 15,
 17, 10, 14, 15, 16, 14, 13,
 No 13B2, 14B2, 15B2, 15B2, 15B2, 15B2, 15B2, 15B2,
 END 8:00 100%
 1/24/13 pald 8 overcast w/ intermittent rain

Nc 9, 12, 14, 23, 19H2all, START 5:30
 No 16, 14, 12, 12, 11, 13, 10, 15, 12, 9, 14, 16, 16, 10, 8, 7, 18, 13, 18, 14, 11,
 No 14, 15, 11, 13, 10, 11, 14, 15, 12, 11, 10, 12, 16, 12, 11, 14, 16, 14, 11, 13, 16,
 No 11, 15, 14, 14, 15, 13, 15, 16, 15, 10, 15, 12, 16, 14, 11, 14, 11, 14, 16, 14,
 12, 15, 13, 17, 13, 14, 12, 15, 13, 10, 15, 16, 10, 12, 9, 9, 13, ~8, 18, 17, 13,
 14, 15, 13, 12, 14, 12, 14, 15, 18, 15, 14, 14, 15, 12, 12, 16, 14, 15, 16, 16,
 15, 13, 14, 15, 13, 18, 16, 16, 17, 13, 13, 10, 14, 14, 15, 17, 15, 14, 11, 12, 15, 10,
 No 12 all, 15 all, 14H6all, 12H5, 14H16, 18B2, 12C2,
 13H5, 13B2, 13B2, 13B2, 13B2, 14H10all, 14H8, 12H3,
 16H6, 16H20all, 15H20all (last two all same all),
 15H7, 15B2, 12H3, 11B2, 13B2, 13B2, 13B2, 13B2, 13B2,
 12, 2, 5, 5, 5, 12H4, 13B2, 15B2, 14B2, 15H5,
 16H8, 15H3, 11B2, 11B2, 11H3, 13H7all, 10B2, 5H2,
 16B2, 13H4, 12B2, 13H10all, 10H15all, 15H11, 9H1,
 9H2, 10C2, 14L5all, 7H2, 11H3, 9H5all, 14H17all,
 13H5, 9H2, 13B2, 15H4, 15H9all, 7H6, 17H7,
 No 10, 11, 14, 11, 8, 12, 13, 11, 12, 12, 10, 9, 11, 9, 8, 15, 9, 12, 13, 11, 10, 11, 12,
 14, 16, 10, 17, 12, 13, 10, 15, 9, 16, 10, 15, 14, 11, 10, 19, 12, 15, 11, 15, 12, 13, 6,
 15, 9, 13, 11, 12, 17, 14, 13, 13, 16, 12, 10, 16, 13, 9, 10, 11, 14, 14, 12,
 10, 13, 15, 13, 14, 13, 13, 7, 11, 12, 11, 16,

Nc 11H6all,
 Nc 9, 12, 7, 21, 17, 14, 8, 18, 16, 22, 11, 12, 15, 23, 19, 17,
 16, 13, 15, 17, 10, 8, 10, 8, 22, 20, 20, 10, 7, 16, 11, 6,
 No 18, 12, 13, 9, 12, 14, 14, 15, 19, 14, 15, 8, 15, 16, 12, 16, 16,
 12, 12, 7, 14, 15, 14, 3, 14, 13, 12, 13, 13, 14, 10, 14, 15, 11, 14,
 Nc 17H6all, 14H10all, 14H14all, 21H11all,
 No 2H10all, 9H7all, 14H7all, 20H8all,
 No 18H7all, 15H10all, 14H5, 14H11all, 15H10all,
 14H6, 9H7all, 15H10all, 13H7all, 13H7all, 12H12,
 16H7, 10H16, 14H10, 11H3, 12H10, 7H4, 13H13,
 Nc 15H10all, 16H8all, 18H14all, 17H7,
 No 15H8, 14H8, 15H14all, 13H11all, 12H7all,
 10H7, 15H7, 13H8, 12H5, 12H13, 15H10,
 N 18, 13, 14, 17, 18, 16, 14, 13, 15, 16, 20, 9, 19, 10, 17,
 16, 14, 15, 13, 15, 15, 14, 10, 13, 15, 15, 14, 18, 14, 16, 16,
 11, 13, 14, 14, 13, 17, 15, 13, 15, 13, 17, 14, 14, 16, 13, 14,
 Nc 13, 16, 11, 14, 13, 11, 11, 18, 18, 18, 18, 18, 18, 13, 11, 17, 11,
 9, 13, 13, 11, 12, 3,
 No 14, 15, 7, 14, 5, 11, 13, 14, 14, 14, 16, 15, 9,
 17, 16, 13, 14, 7, 13, 13, 10, 8, 13, 12, 17, 12, 19, 15, 12,
 12, 15, 17, 10, 12, 9, 11, 8, 8, 13, 16, 16, 14, 17, 12,
 11, 15, 12, 12, 11, 9, 14, 11, 9, 12, 15, 13, 17, 13, 17, 13,
 12, 14, 17, 17, 13, 13, 8, 20, 19, 15, 13, 12, 14, 16, 15, 12, 10,
 No 14H5all, 14H2, 12H10all, 14H8all,
 17B2, 13H10all, 17H10all, 13H12all, 16H7all,
 16H17all, 13H15all, 16H17, 12H13, 15H14,
 10H3, 17H11all, 16H13, 14H19all, 13H15all,
 14H15, 13C2, 16H11all, 17H13all, 17H14all,
 14H14all, 14H6, 16H11, 13H8, 18H12, 12H11,
 No 10, 13, 13, 11, 14, 15, 14, 15, 12, 17, 16, 15, 19, 17, 16, 15, 17, 19,
 17, 13, 12, 16, 14, 15, 16, 14, 16, 20, 16, 15, 15, 13, 16, 15,
 15, 14, 14, 17, 16, 17, 12, 16, 14, 13, 13, 15, 16, 14,

Rain in the Rain

1000, No 13, 9, 7, 9,

No 14, 13, 10, 14, 14, 9, 12, 21, 20, 14, 13, 15, 16, 11, 15, 14, 14,
15, 14, 16, 14, 13, 16, 14, 15, 14, 14, 16, 18, 14, 15, 14,
15, 15, 15, 17, 12, 16, 15, 14, 18, 14, 15, 15, 16, 13, 14,
12, 15, 13, 15, 15, 15, 12, 17, 14, 12, 15, 16, 17, 17,
No 16 11+17 all, 11 11+16 all, 15 11+12 16 11+17

11 11+11 all, 15 11+21 all, 11 11+10, 15 11+9 all, 11 11+13 all,
12 11+1 all, 16 11+8 13 11+12 15 11+13 11 11+13 all,
16 11+13, 13 11+16 12 11+17 all, 11 11+7 all,
15 11+13, 14 11+9 all, 15 11+12 16 11+13,
14 11+17 all, 14 11+14, 15 11+13, 12 11+9 all,

No 13, 14, 16, 17, 14, 14, 20, 16, 17, 14, 14, 15, 16, 16,
17, 15, 18, 16, 13, 14, 16, 14, 17, 18, 12, 14, 11, 15, 13,
13, 20, 15, 12, 14, 16, 15, 16, 15, 13, 12, 14, 15, 15, 15,
15, 15, 15, 12, 16, 13, 13, 15, 15, 14, 16, 15, 15, 1,
14, 16, 18, 16, 17, 17, 12, 16, 17, 15, 18, 12, 16, 15, 17,
15, 14, 13, 17, 11, 10, 14, 18, 17, 17, 16, 13, 9, 11, 17,
13, 15, 16, 16, 16, 13, 15, 16, 17, 15, 16, 17, 14, 14, 13, 14, 14,
No 15 11+10 all, 16 11+13, 16 11+15, 14 11+16, 14 11+14 all,
13 11+14 all, 12 11+20 all, 15 11+1 15 11+8,
11 11+17 all, 10 11+17 all, 13 11+11, 14 11+14 all,
15 11+16, 15 11+11, 15 11+14, 16 11+10, 15 11+10 all, 13 11+10 all,
12 11+14, 11 11+10 all, 15 11+13, 12 11+12, 17 11+16, 17 11+19,
13 11+1, 13 11+5, 14 11+13 all, 16 11+13, 16 11+3,
No 11, 18, 15, 13, 13, 13, 15, 15, 10, 14, 10, 12, 15, 14, 11, 14, 14,
14, 14, 15, 14, 15, 15, 16, 17, 16, 16, 12, 15, 14, 14, 15, 11, 15,
12, 14, 21, 13, 16, 13, 14, 15, 16, 12, 17, 13, 13, 17, 15, 16, 9, 15,
14, 16, 17, 13, 15, 12, 16, 13, 16, 14, 15, 15, 12, 20, 15, 12, 21,
17, 15, 14, 16, 18, 13, 16, 16, 13, 15, 15, 15, 15, 14,
18, 13, 14, 18, 14, 14, 13, 17, 15, 17, 14, 15, 17, 2,

END 10:35

4/27/13 Patch AA10 (AA9 will be next)
overcast, light rain, medium swell

No 16, 16, 9, 13, 15, 9, 17, 13, 15, 14, 13, 11, 15, START 7:30
15, 13, 13, 14, 17, 15, 14, 16, 15, 14, 13, 14, 10, 16, 16, 16, 15, 15, 10,
16, 15, 15, 13, 15, 12, 12, 14, 19, 15, 17, 20, 16, 16, 12,
13, 13, 11, 12, 13, 16, 9, 11, 12, 12, 13, 14, 14, 13, 18, 16, 15, 12, 16, 11,
No 11 Bgl, 9 Bgl, 7 Bgl, 12 Bgl, 14 Bgl, 11 Bgl, 12 Bgl, 14 Bgl, 1,
13 Scl, 11 Scl, 12 Bgl, 16 Bgl, 2, 14 Scl, 3 Bgl, 12 Bgl, 3,
14 Bgl, 14 Bgl, 14 Bgl, 3, 17 Bgl, 2, 14 Bgl, 2, 18 Bgl, 2, 13 Bgl, 2,
No 10 14, 16, 15, 17, 14, 13, 20, 12, 11, 13, 14, 13, 18, 14, 14, 14,
14, 14, 14, 13, 8, 13, 10, 16, 15, 16, 18, 14, 14, 13, 15,
12, 16, 13, 15, 14, 13, 10, 15, 12, 11, 16, 16, 12, 12, 11, 10, 14,
17, 10, 13, 16, 17, 14, 13, 10, 16, 13, 17, 12, 20, 15, 17, 17,
No 13 2, 13 Scl, 12 Bgl, 2, 12 Bgl, 1, 13 Bgl, 1, 15 Bgl, 2,
11 Bgl, 15 Bgl, 2, 14 Bgl, 2, 10 Bgl, 2, 17 Bgl, 2, 17 Bgl, 3,
15 Bgl, 2, 10 Bgl, 2, 14 Bgl, 1, 11 Bgl, 1, 14 Bgl, 2, 15 Bgl, 2, 16 Bgl, 2,
14 Bgl, 3, 14 Bgl, 2, 14 Bgl, 2, 12 Bgl, 2, 14 Bgl, 1, 20 Bgl, 2,
14 Bgl, 2, 15 Bgl, 2, 16 Bgl, 2, 15 Bgl, 2,

No 13, 12, 16, 15, 14, 12, 13, 11, 13, 12, 13, 15, 15, 15, 12,
15, 16, 12, 12, 17, 20, 15, 14, 12, 14, 15, 12, 16, 10,
14, 15, 14, 16, 1001. 1001. END 8:30
51/51+152 = 255.

6/27/13 Patch AA9 overcast, medium swell 8:35

No 11, 10, 13, 11, 14, 17, 13, 17, 12, 16, 15, 9, 8, 18, 7, 7, 7,
10, 15, 14, 14, 9, 7, 10, 13, 13, 15, 16, 17, 15, 13, 11, 14, 13, 13,
12, 10, 12, 14, 13, 10, 15, 12, 11, 14, 12, 16, 16, 14, 12, 14, 2,
12, 7, 6, 17, 10, 13, 12, 14, 15, 15, 16,
No 13 11+13, 9 11+13, 5 Bgl, 12 11+12, 13 11+12, 11 11+14,
11 11+14, 11 11+14, 2, 15 Bgl, 13 11+14 all, 13 Bgl, 14 Bgl, 2,
No 16, 11, 9,

No 14 14 2, 17 11+12 all, 12 11+17 11 11+15,
15 11+17 all, 10 11+16, 15 11+16, 13 11+14 all, 16 11+14 all,

Rite in the Rain

NC 9 11 15 20, 18 11 14 20, 10 11 12 20,
 NC 8, 15, 17, 9, 25 ~ 10, 14, 16, 7, 10, 8, 10, 5, 17, 10,
 No 12, 13, 10, 12, 15, 15, 15, 13, 9, 15, 10, 12, 15, 15, 10, 10, 11, 8,
 8, 10, 16, 8, 11, 9, 10, 13, 11, 16, 12, 10, 14, 14, 16, 16, 9, 14, 13, 16,
 13, 13, 13, 10, 10, 10, 10, 14, 9, 11, 9, 7, 9, 9, 11, 9, 10, 15, 11, 12,
 12, 9, 10, 12, 12, 13, 12, 12, 13, 12, 13, 9, 9, 12, 9, 2, 13, 16, 16, 11, 10,
 15, 14, 8, 16, 14, 13, 15, 15, 11, 12, 9, 10, 13, 15, 12, 13, 16, 16, 13, 13, 15,
 No 14 12 4 20, 9 11 3, 10 11 2, 18 11 3, 14 13, 12 13, 3,
 13 12, 12 14, 20, 12 12, 2 11, 20, 9 12, 13 11, 16 15,
 16 14, 17 20, 15 12, 2 11, 10 11 3, 14 11 7, 15 11 1, 20, 11, 11,
 17 11, 13, 11 5, 17 11 2 20, 14 11 5, 15 11 4, 15 11 10,
 12 11, 12 11 3, 15 11 4, 15 11 10, 13 11 2,
 No 14, 16, 1, 14, 14, 11, 17, 15, 15, 19, 13, 13, 13, 10, 15, 14,
 14, 13, 15, 12, 17, 10, 12, 17, 16, 13, 7, 17, 21, 15, 16, 11, 7,
 11, 16, 16, 13, 15, 17, 13, 7, 13, 15, 14, 14, 12, 18, 11, 12,
 11, 10, 7, 10, 8, 8, 2, 14, 12, 12, 13, 15, 15, 20, 15,
 15, 12, 14, 9, 2, 3, 8, 7, 4, 10, 2, 2, 3, 12, 10, 12, 14, 14, 6,
 7, 11, 16, 15, 10, 10, 11, 16, 9, 15, 13, 12, 10, 13, 15, 9,
 16, 17, 17, 12, 12, 13, 15, 18, 2, 2, 11, 12, 8, 13, 8, 11, 17,
 16, 12, 11, 14, 17, 13, 17, 15, 13, 13, 11, 11, 10, 10, 13,
 No 12 11 3, 2 11 3, 17 11 5, 10 11 1, 10 11 3, 11 11 6 20,
 15 11 4, 15 11 3, 16 11 3, 8 11 6, 11 11 5, 7 11 5, 14 11 3,
 15 11 6, 11 11 3, 7 11 5 20, 11 11 5, 15 11 3, 16 11 4 20,
 15 11 7, 18 11 4, 7 11 4, 11 11 4, 11 11 4 20, 13 11 4 20,
 10 11 4, 15 11 5, 14 11 4, 11 11 4, 13 11 3, 14 11 3,
 11 11 2, 12 11 5, 16 11 7, 16 11 15 11 16 20,
 9 11 4 20, 14 11 4, 14 11 12, 15 11 4, 11 11 4 20,
 10 11 1 20, 10 11 10 20, 17 11 3, 12 11 5, 14 11 17,
 15 11 7, 14 11 4, 13 11 12 20, 14 11 13, 12 11 2,
 14, 13, 15, 14, 13, 16, 15, 10, 8, 7, 15, 14, 15, 13, 13, 10,
 7, 12, 20, 11, 13, 11, 12, 10, 13, 14, 15, 16, 15, 17, 16, 13,
 13, 11, 8, 6, 14, 13, 15, 13, 10, 15, 15, 14, 13.

NC 17, 17, 14, 11, 11,

No 15, 16, 17, 14, 13, 12, 12, 13, 12, 19, 14, 17, 12, 18,
 17, 18, 15, 15, 13, 16, 16, 17, 2, 13, 16, 15, 15, 14, 6,
 10, 15, 14, 17, 16, 11, 7, 12, 15, 7, 14, 16, 16, 13, 13,
 No 11 11 7, 15 11 6, 16 11 6 20, 5 11 3, 8 11 5,
 15 11 7 20, 12 11 5, 15 11 13 20, 11 11 10, 19 11 13,
 11 11 4, 13 11 7, 13 11 6, 12 11 4 20, 16 11 10,
 13 11 7 20, 10 11 5, 16 11 6, 19 11 9, 15 11 8 20,
 16 11 8, 17 11 6, 12 11 5 20, 11 11 4, 12 11 2,
 No 11, 9, 10, 11, 14, 9, 11, 7, 11, 10, 10, 15, 16, 16, 15, 10, 10,
 12, 15, 18, 16, 13, 15, 15, 11, 12, 15, 16, 14, 14, 15, 14, 14, 11,
 12, 15, 8, 13, 14, 17, 16, 13, 16, 16, 13, 12, 15, 13,
 15, 15, 15, 17, 14, 18, 14, 11, 15, 15, 14, 8, 13, 14, 15,
 15 11 8, 18 11 6, 18 11 5, 12 11 5, 16 11 6, 13 11 8 20,
 12 11 7,
 END 11:38

8/20/13 Experimental ptiles

Pat A Start 5:50

No 15 20, 17, 18, 17, 15, 17, 15, 16, 18, 16, 14, 18, 20, 17, 18, 16, 17,
 12 11, 2, 18 11, 15 11, 18 11, 2, 15 11, 16 11, 2,
 NC 22,
 No 15 16, 15, 15, 14, 17, 16, 14, 18, 13, 16, 14, End 6:00

Pat B Start 6:00

NC 10, 16, 8, 13, 9, 11, 19, 13, 13, 22, 11, 13, 10, 8, 13, 15, 10, 10,
 12, 18, 18, 16, 19, 16, 12, 15, 18, 10, 11, 10, 18, 12, 8, 21, 16, 19,
 No 11 11, 10 11, 14 11, 14 11, 16 11, 15 11, 10 11, 11 11,
 13 11, 18 11, 15 11, 20 11, 12 11, 10 11, 10 11,
 13, 13, 14, 16, 16, 17, 14, 10, 11, 10, 12, 17, 16, 12, 13, 12,
 17, 17, 17, 12, 19, 20, 13, 13, 9, 20, 12, 16, 8, 13, 10, 10,
 7, 8, 12, 9, 10, 11, 16, 11, 17, 5, 8,
 NC 13 11, 10 11, 11 11, 15 11, 18 11, 11 11, 17 11, 15 11, 2,
 No 14 11,
 No 16, 16, 12,
 Rite in the Rain

NC 7, 19, 15, 20, 19, 16, 12, 15, 15, 20, 17, 20, 19, 19, 11, 15, 16,
 19, 18, 11, 14, 11, 10, 14, 10, 1, 23, 8, 17, 12, 16, 12, 18, 16,
 21, 11, 14, 16, 12, 16, 15, 20, 15, 9, 17, 2, 15, 12, 10, 18, 8, 15, 22,
 No 18 B₁, 2, 16 B₂, 2, 14 B₁, 15 B₂, 12 B₁, 7, 15, 12, 1, 16 B₁,
 15 B₂, 18 B₁, 19 B₁, 19 B₂, 2, 21 B₁, 16 B₂, 1, 19 B₁,
 No 16, 20, 20, 17, 16, 16, 15, 18,
 NC 12, 13, 12, 15, 12, 13, 9, 20, 19, 13, 13, 21, 15, 17,
 15, 21, 11, 10, 20, 21, 15, 12, 23, 9, 19, 14, 20, 8, 21, 19, 12,
 12, 19, 17, 17, 11, 11, 10, 8, 14, 15, 13, 13, 7, 15, 14, 20, 20,
 14, 12, 12, 21, 15, 13, 10, 10, 13, 22, 16, 15, 18, 15, 21, 9, 11,
 No 15 B₁, 1, 12 B₁,
 NC 15 B₂, 16 B₁, 17 B₂, 2, 19 B₁, 2, 19 B₂,
 10 B₁, 21 B₁, 20 B₁, 21 B₁, 15 B₂, 2, 14 B₁,
 18 B₂, 2, 15 B₂, 2, 15 B₁, 14 B₁, 16 B₂,
 No 17, 12, 16, 13, 25, 15, 9, 10, 14, 18, 12, 23, 12, 12, 15, 18, 17,
 15, 10, 11, 12, 13, 12, 14, 12, 15, 12, 13, 13, 11, 13, 11, 9, 20, 17,
 11, 9, 17, 14, 14, 13, 14, 14, 10, 17, 11, 11, 17, 19, 13, 20, 16, 11, 12, 12,
 NC 15 B₁, 23 B₁, 20 B₁, 17 B₁, 18 B₁, 18 B₁, 17 B₁,
 15 B₁, 16 B₁, 17 B₁, 8 B₁, 14 B₁, 3 B₁, 18 B₁, 17 B₁,
 End 7:30

Pat C Start 7:30

No 18, 15, 17, 18, 17, 16, 16,

NC 10, 7, 18, 3, 15 B₁,

END 7:38

Pat D Start 7:38

NC 7 B₁,

No 8,

END 7:41

Pat E Start 7:41

END 7:44

No 18,

Pat E Start 7:44

No 14, 16, 14, 15, 19, 16, 14, 16, 19, 20, 12, 12, 13, 17,
 19, 17, 17, 15, 16, 16, 13, 18, 16, 12, 18, 15, 15, 13, 15, 14,

No 16 B₁, 14 B₂, 16 B₂, 16 B₂, 14 B₁, 13 B₂, 14 B₁,
 NC 15, 16, 13, 10,

NC 17 B₂, 16 B₁, 14 B₁, 19 B₁, 20 B₁,

No 12 B₁, 14 B₁, 18 B₁, 17 B₁, 15 B₂, 17 B₁,

END 7:58

Pat G Start 7:58

NC 12, 18, 25, 17, 11, 24, 11, 10, 12, 14, 12, 13, 11, 7,

No 15, 14, 12, 13, 14, 9, 13, 13,

END 8:05

Pat AB Start 8:05

NC 18, 19, 15, 8, 9, 13, 14, 11, 14, 15, 10, 16, 19, 15, 14, 13, 14, 14, 15,
 16, 13, 17, 14, 13, 13, 11, 11, 8, 7, 13, 7, 6, 18, 21, 11, 12, 10, 12, 10, 9,
 7, 14, 10, 12, 9, 13, 7, 9, 10, 8, 11, 11, 10, 15, 6, 15, 11, 8, 8, 14, 14,

No 13, 16, 8, 18, 15, 13, 13, 16, 16, 13, 12, 12, 14, 14, 16, 13,
 15, 16, 12, 15, 11, 12, 14, 13, 11, 15, 13, 15, 14, 14, 9, 18, 14,
 10, 16, 14, 15, 13, 15, 13, 15, 15, 9, 14, 16, 13, 14, 13, 13, 14,

No 12 B₂, 15 B₂, 16 B₁, 14 B₁, 12 B₁, 12 B₁, 18 B₂,
 18 B₁, 17 B₂, 14 B₁, 14 B₁, 17 B₁, 17 B₁,

NC 11 B₁, 14 B₁, 15 B₂, 14 B₁, 15 B₁, 15 B₁, 11 B₁,
 14 B₁, 10 B₁, 12 B₁, 14 B₁, 14 B₁, 15 B₁, 13 B₁,

14 B₁, 13 B₁, 14 B₁, 10 B₁,

NC 11, 24, 11, 11, 11, 9, 13, 14, 14, 9, 10, 8, 9, 11, 7, 11, 11, 14,
 5, 11, 13, 7, 6, 5, 7, 5, 12, 15, 16, 14, 10, 6, 11, 9, 10, 8, 12, 5,
 13, 16, 7, 5, 4, 8,

No 16, 9, 14, 12, 15, 17, 12, 16, 13, 15, 17, 16, 13, 14,
 15, 13, 15, 15, 13, 14, 15, 14, 12, 15, 14, 16, 14, 16, 15, 14, 12, 10,
 13, 16, 16, 13, 15, 15, 9, 17, 14, 16, 16, 18, 17, 15, 3, 11,
 No 16 B₁, 13 B₁, 14 B₁, 11 B₁, 15 B₁, 12 B₁,
 14 B₁, 15 B₁, 13 B₂, 16 B₂,
 No 13 B₁, 8 B₁, 14 B₁, 13 B₁, 15 B₁,

No 8, 16, 5, 7, 8, 13, 17, 14,
 No 15, 13, 16, 16, 13 END 9:00

Patch AC Start 9:00
 No 17, 15, 10, 12, 14, 15, 11, 17,
 No 8, END 9:04

~~8/21/13~~ Patch AF Start 5:45
 No 17, 12, 12, 16, 16, 17, 17, 16, 15, 15, 9, 17, 8, 18, 14, 11, 9,
 9, 13,
 No 15 B₂, 10 B₁, 15 B₂, 10 B₁, 9 B₁,
 No 13, 15, 9, 7,
 No 11 B₁, END 5:55

Patch AD Start 5:56
 No 16, 16, 16, 20, 9, 13, 9, 12, 17, 11, 21, 11, 11, 20, 14, 14, 9, 11, 11,
 17, 9, 13, 2, 11, 10, 12, 14,
 No 14 B₁, 15 B₂, 13 B₁, 10 B₂, 9 B₁, 16 B₁, 10 B₁, 16 B₁,
 No 15, 10, 9, 17, 10, 12, 11, 15, 17, 16, 17, 16, 14, 16, 15, 17, 15, 17,
 No 17 B₁, 18 B₁, 17 B₁, 15 B₁, 14 B₁, 15 B₁, 12 B₁,
 No 14 B₁, 11 B₁, 15 B₁,
 No 15, 17, 13, 18, 18, 16, 14, 15, 14, 13, 16, 15, 12, 16, 10, 16, 14,
 No 16 B₁, 10 B₁, 16 B₁, 10, 13, 17, 12, 12, 17, 15,
 13 B₁, 10 B₁, 12 B₁, 10, 17, 14,
 END 6:22

Patch AE Start 6:22
 No 16, 17, 16, 20, 17, 17, 17, 15, 17, 11, 17, 18, 16, 16, 15,
 16, 16, 12, 14, 15, 12, 14, 12, 16, 15, 14, 12, 18, 15, 13, 17, 17, 14, 15, 16,
 No 9, 6, 7,
 No 18, 15, 13, 17,
 No 11 B₁, 7 B₂, END 6:35

Patch AG Start 6:35
 No 16, 14, 16, 17, 18, 16, 14, 20, 15, 13, 16, 17, 17, 18, 13, 14,
 20, 18, 15, 14, 14, 15, 18, 16, 17, 16, 15, 13, 13, 14, 14, 15, 18, 18,
 No 17 B₂, 15 B₁, 13 B₁, 15 B₁, 14 B₁, 14 B₁,

No 16, 16, 13, 14, 10, 20, 13, 21,
 No 17, 18, 17, 13, 16, 12, 15, 16, 14, 13, 12, 12, 15, 16,
 16, 16, 17, 15, 15, 16, 17, 12, 15, 10, 15, 16, 15, 15, 15,
 15, 16, 15, 13, 17, 16, 16, 14, 11, 13, 12, END 6:55

Patch BB Start 6:55
 No 11 B₂, 13 B₁, 13 B₁, 11 B₁, 14 B₁,

No 2, 16, 16, 18, 16, 13, 16, 15, 17, 17, 18, 12,
 END 7:01

Patch BC Start 7:02
 No 18 B₁, 17 B₁, 16 B₁, 13 B₂, 3 B₁, 15 B₁, 14 B₁,
 No 16, 18, 16, 13, 11, 13, 12, 12, 12, 16, 15, 12, 12, 13,
 END 7:08

Patch BD Start 7:09
 No 19, END 7:11

Patch B Start 7:11
 No 17, 16, 9, 13, 14, 18, 11, 12, 14, 15, 17, 16, 14, 13, 15, 16, 17,
 15, 13, 14, 16, 17, 10, 10, 8, 15, 10, 12, 9, 16, 12, 15, 15, 17, 18, 14, 13,
 No 6 B₁, END 7:20

Patch B Start 7:20
 No 16, 13, 15, 12, 10, 16, 14, 12, 16, 12, 14, 7, 14, 13, 14, 14,
 20, 8, 14, 12, 15, 15, 10, 12, 16, 14, 10, 15, 8, 7, 15,
 9, 4, 18, 9, 10, 12, 15, 12, 15, 16, 12, 8, 16, 14, 13, 13, 16,
 No 8, 12, 14, 7, 11, 13, 12,
 No 15 B₁, 17 B₁, 17 B₁, 14 B₁, 7 B₁, 14 B₁,
 No 7 B₁, 7 B₁,
 No 15 B₁, 16 B₁, 13 B₁,
 No 17, 11, 15, 14, 17, 16, 8, 12, 9, 16, 14, 17, 10, 11, 15, 15, 15,
 END 7:41

9/16/3 Experimented patches
Patch D Start @ 3:05 Barro de sheet Charles
Patch C Start @ 3:09 Barro de sheet w/ danton - covered Hounds
 No 20 large abundant limpets No in mussels on edge
 No 20, 15, 14, 22, abundant amphipods, small 2-5mm mussels

Patch E Start @ 3:16 Whistles around edges
 No 17 B₂, 16 B₂, 16 B₁, 16 B₂, 21 B₃, Barro de sheet
 No 15, 14, 16, 17, 14, 15, 16, 14, 15, 15,
 No 19, 12, 7, 8, 10, 9,
Patch B Start @ 3:27 Good mussel recruitment 2-5mm
 No 21, 20, 14, 23, 21, 20, 20, 17, 16, 10, 13, 13, 10, 14, 17, 9,
 No 11, 3,
 No 20 B₃, 18 B₂, 17 B₂, 24 B₃, 15 B₂, 20 B₂,
 21 B₂, 15 B₂, 20 B₂, 22 B₃, 13 B₁,
 No 12, 14, 18, 13, 14, 17, 15, 13, 12, 10, 25, 21, 21, 23, 20, 21

No 14, 14, 16, 20,
 No 17 B₂,
 No 21, 14, 20, 20, 10, 14, 16, 14, 14, 12, 13, 18, 21, 21, 20,
 22, 15, 17, 19, 14, 15, 14, 15, 21, 13, 14, 14, 16, 21, 25, 20, 13, 22,
 No 21 B₁, 19 B₂, 17 B₂, 18 B₂, 20 B₂, 20 B₁, 7 B₁,
 No 15, 20, 18, 5, 17, 18, 21, 22, 13, 22, 11, 21, 19, 18, 20,
 No 13, 14,
 No 21 B₃, 22 B₂, 20 B₁, 20 B₂, 20 B₂, 18 B₃, 19 B₃,
 No 18, 18, 17, 20, 21, 18, 18, 18, 22, 17, 18, 17, 17, 12, 18, 20,
 14, 17, 11, 12, 12, 20, 21, 8, 21, 18, 17, 11, 20, 12, 17, 25, 12, 17, 12,
 No 17 B₁, 19 B₁, 22 B₂, 16 B₂, 14 B₁, 16 B₂, 17 B₂,
 No 18, 18, 17, 22, 9, 18, 12, 15, 18, 18, 17, 20, 12, 10, 15, 15,
 9, 10, 22, 15, 9, 21, 10, 18, 16, 10, 17, 10, 13, 15, 11, 10, 12,
 16, 21, 10, 10, 12, 13, 21, 14, 11, 12, 20, 14, 13, 13, 21, 13, 19, 13,
 No 22 B₂, 12 B₁, 11 B₁, 22 B₂, 17 B₂, 18 B₂,
 No 18, 18, 17, 15, 20, 11, 13, 15, 18, 16, 16, 13, 13, 13, 17, 20,
 20, 6, 14, 14, 17, 12, 14, 17, 16, 12, 12, 12, 15, 16, 12, 14,
 No 17 B₂, 15 B₂, 11 B₂, 11 B₂, 19 B₁, 15 B₂,
 13 B₁, 13 B₂, 25 B₂, 20 B₂, 14 B₂, 20 B₂,
 No 16, 16, 19, 15, 23, 23, 16, 17, 15, 13, 11, 9, 12, 10, 15, 17,
 14, 10, 11, 13, 18, 21, 13, 15, 15, 21, 3, 17, 19, 22, 10, 20,
 +40 individuals in a shell
 19, 13, 11, 13, 13, 14, 15, 16, 15, 14, 13, 17, 21, 15, 19, 8, 15, 17,
 12, 14,
 2 B₂, END 4:45

Patch A Start @ 4:45 Barro de sheet
 No 17,
 No 19 B₂,
 No 18, 18, END 4:49
Patch F Start @ 4:56 Barro de sheet w/ danton
 No 17 H₁ 6, 16 B₂,
 No 12, 20, END 5:01

Patch G1 Start @ 5:13

No 13, 18, 16, 19, 14,

Nc 14, END 5:18

Patch AB Start 5:21

Barnacle sheet w/ dolphins

Nc 11, 8, 8, 8, 10, 1, 7, 9, 7, 9, 8, 17, 13, 8, 18, 17, 16, 12, 14, 7

No 11, 16, 9, 12, 7, 13, 14, 13, 14, 17, 12, 16, 14, 13, 17, 17, 10

No 13 B₂, 13 B₂, 13 B₂, 18 B₂

No 16 B₃

Nc 13 B₂, 10 B₂, 22 B₂, 9 B₂, 16 B₂, 8 B₂, 5 B₂, 8 B₂

Nc 7, 8, 10, 14, 14, 10, 7, 7, 7, 10, 9, 9, 5, 6, 9, 15, 16, 7, 17, 6, 8, 6

7, 9, 6, 7, 8, 8, 8, 7, 20

Nc 11 B₂, 12 B₂, END 5:41

Patch AC Start 5:42

Barnacle sheet w/ dolphins

No 18

END 5:44

Patch AF Start 5:45

Barnacle sheet w/ algae

No 16 B₂

No 15, 15

Nc 18, 9, 6,

END 5:50

Patch ~~AD~~ AD Start 5:50 1 Pioneer

No 17, 14, 18, 12, 17, + 5 No 18, 14, 14, 14, 13, 13

17, 16, 17, 17, 21, 18,

No 17 B₂, 16 B₂, 15 B₂, 16 B₂, 16 B₂

Nc 14, 17, 21, 18, 11, 17, 18, 18, 21, 18, 10, 10, 16, 20

17, 16, 12, 10, 17, 19, 20, 18, 10, 12, 12, 12, 12, 12

Nc 18 B₂, 10 B₂, 18 B₂, 12 B₂, 15 B₂, 17 B₂, 15 B₂

Nc 14, 16, 17, 18, 14, 17 B₂, 7, 14 B₂, 3, 18 B₂

END 6:07

9/17/13 Experimental patches

Patch AF Start @ 3:22

Barnacle sheet

No 17 B₂, 14 B₂, 16 B₂, 15 B₂, 17 B₂, 18 B₂, 14 B₂

No 18, 18, 18, 12, 16, 16, 20

Nc 10, 8

END 3:30

Patch AG Start @ 3:30

Barnacle sheet

No 17, 16, 16, 16, 17, 16, 14, 13, 15, 15, 18, 16, 17, 15, 16

16, 18, 14, 14, 17, 12, 16, 15, 16, 13, 17, 15, 16, 17, 18, 18

10, 16

No 16 B₂

Nc 20 B₂

Nc 17, 14, 6, 11, 16, 19, 14

END 3:46

Patch BB Start @ 3:46

Barnacle sheet

No 11, 16, 10, 8

A few ~1cm RH already

END 3:51

Patch BC Start @ 3:52

Barnacle sheet

No ~16, 9

No 17 B₂

Nc 11 B₂, 18 B₂

Nc 11

END 3:56

Patch BD Start @ 3:56

Sorting barnacle sheet

Nc 17 B₂

End 4:02

lots of water + algae

Patch BE Start @ 4:02

Barnacle sheet

No 11, 15, 11, 11, 12, 14, 13, 18, 15, 10, 12, 18, 14, 17

No 16 B₂, 16 B₂

Nc 22, 12

END 4:10

Pld BF Start @ 4:10 Sloughing barnacle sheet
 Nc 15, 9, 18, 15, 9, 6
 No 15, 9, 8, 9, 16, 9, 19, 16, 12, 15, 10, 16, 12, 15, 15, 17, 14,
 14, 14, 13, 14, 14, 15, 13, 11, 17, 11, 14, 16, 10, 7, 16, 18
 No 17 Bg 2, 13 Bg 3, 19 Bg 2, 15 Bg 1
 END 4:26

10/7/13 XB Experimental Patches

Mgt. *Trassulus* recruitment is in full swing, often
 forming dense, monospecific sheets. May 'saw'
 detrital sheets remaining. Mgt seem to be
 recruiting into patches between Bg barnacles rather than
 on them. Some *Pollinipes* recruiting too (growing fast).
 [*Chthamalus* starting too (< 0.5 mm)]

Pld A Start @ 19:31 Good mussel cat

No 17

Nc 7, 19, 6, 20, 16, 12, 14

Nc 15 Bg 3, 20 Bg 3, 18 Bg 2 END 19:39

Pld B Start 20:26 END 21:00 1/3 of patch surveyed

Nc 15 Ck 1, 17 Bg 2, 9 Pld 4, 10 Bg 3, 12 Bg 2, 11 Bg 2,
 19 Bg 1, 14 Bg 2, 18 Bg 3, 9 Bg 1, 20 Bg 1, 7 Pld 3, 16 Bg 2,
 15 Bg 2, 13 Bg 2, 14 Bg 2, 19 Bg 2, 18 Bg 2, 22 Bg 4, 22 Bg 8,
 22 Bg 3, 15 Bg 2 (very low mussel cat + *Pollinipes*)

Nc 20, 11, 12, 10, 21, 15, 11, 14, 5, 14, 14, 12, 19, 12, 12, 11, 12, 14,
 14, 14, 11, 10, 11, 10, 11, 10, 5, 18, 10, 6, 9, 8, 17, 14, 8, 14, 19,
 25, 11, 11, 11, 21, 23, 23, 22, 6, 13, 5, 10, 21, 14, 20, 17, 16, 20,
 14, 13, 12, 18, 17, 13, 20, 14, 15, 18, 20, 19, 17, 16, 14, 14, 26, 17,
 19, 20, 8, 15, 23, 10, 13, 19, 16, 23, 18, 18, 18, 23, 19, 19, 12, 7,
 19, 9, 20, 13, 7, 16, 20, 23, 18, 16, 14, 21

21
 124 2187.

#* = oyster catcher predation

Pld D Start @ 1941 End 1946

very low mussel cat

Nc ~ 7, 7, 10

Pld C Start @ 1954. End 20:04 Good mussel cat

Nc 21, 17, 14, 20, 14, 7, 9, 8, 19, 17, 12, 16, 12, 7, 12, 22, 11,
 10, 19, 14,

No 16

Nc 13 Bg 3, 12 Bg 3, 14 Bg 3, 12 Bg 4,

No 18 Bg 3

Pld E Start 20:05 - 20:18 Good mussel cat

Nc 15, 16, 14, 17, 9, 15, 18, 11, 10, 18, 11, 19, 11, 20, 12,

No 13, 9, 7, 10, 17, 13, 15,

Nc 13 Bg 2, 11 Bg 1, 22 Bg 3, 23 Bg 3, 10 Bg 1, 15 Bg 2

No 15 Bg 3, 18 Bg 2, 9 Pld 5, 14 Bg 3, 14 Bg 3,

Pld F Start 20:18 - 20:23 low mussel cat. Patches of

No 14 Bg 1

ulva + porphyra

No 12

Nc 13

Pld G Start 21:01 - 21:16 Good mussel cat

Nc 21, 10, 12, 12*, 7, 11, 11, 13, (lots of sand

11*, 13, 9, 12*, 23, 16, 20, 11, 11, 12*, 20, 23, 12

No 10, 10, 9, 9, 15, 11, 15, 11*, 13, 16, 15, 12,

Nc 21 Bg 3, 9 Bg 3, 13 Bg 2, 12 Bg 1, 16 Bg 2

No 13 Bg 2, 9 Bg 2, 16 Bg 1

Rite in the Rain

Patch AB start 21:16-21:48 95% surveyed

very good mussel set + some Palleopus

No 16, 12, 7, 12, 13, 13, 6, 6, 7, 13, 10, 10, 7, 8, ~8, 10,
14*, 10, 12, 8, 11, 15, 17, 15,

Nc 12, 12, 9, 7, 8, 7, 7, 10, 12, 9, 12, 10, 8, 9, 13, 7, 7, 13,
12, 11, 14, 12, 13, 15, 12, 12, 21, 18, 11, 13, 8, 17, 5, 7, 5, 14,
7, 10, 9, 7, 9, 13, 7, 9, 7, 12, 7, 7, 8, 10, 17, 9, 9, 7, 7, 7,
10, 6, 10, 9, 10, 10, 13, 11, 14*, 20, 11, 11*, 12, 6, 12, ~7, ~6,
~8, 7, 12, 10,

No 15B₁, 16B₂, 14H+4, 14B₂, 12B₂, 13H+4,
14B₃, 15B₂

Nc 15B₃, 19B₃, 6CH1, 8B₃, 8B₃, 9B₃,
8B₂,

Patch AC start 21:49-21:54 Low mussel set

Nc 9, 14, 10, ~8, 8, 8

No 9, 14, 12,

Nc 10B₂, 14B₃, 16B₂

Patch AF 21:55-22:06 Good mussel set

Nc 16, 10, 18, 10, 9, 10, 16, 17, 9, 7, 9, 16, 14, 12, 10, 19,
16, 18,

No 12, 15, 13, 15, 14, 16, 12,

Nc 16B₂,

No 16B₂, 14B₂, 17B₂,

Patch AG start 22:08-22:19 very low mussel set

Nc 22, 16, 19, 23, 15,

No 17, 15, 19, 17, 19, 15, 17, 17, 17, 17, 18, 16, 15, 18, 15, 15,
16, 17, ~8, 15, ~6, 16,

Nc 21B₂

Patch BB start 22:20-22:23 very low set

No ~15, ~15, ~10, ~11, ~9, ~8,

Nc 18B₂, 12B₂

Patch BF start 22:24-22:34 very low set

Nc 13, 14, 7, 8, 13*, 11, 10, ~12, ~15,

No 10, 15, 12, 15, ~15, ~12, 12, ~9, 11, ~15, ~16, ~17,
17, ~15, ~15

Patch BE start 22:35-22:40 very low set

No 12, 15, ~15, ~14, ~13, 12, ~12, ~12,

Nc 17, 14,

Nc 14B₂

Patch AB start 21:16-21:48 qsl. surveyed

very good mussel set + some Pollicipes

No 16, 12, 7, 12, 13, 13, 6, 6, 7, 13, 10, 10, 2, 18, ~8, 10,
14*, 10, 12, 8, 11, 15, 17, 15,

Nc 12, 12, 9, 7, 8, 7, 7, 10, 12, 9, 12, 10, 8, 9, 13, 7, 7, 13,
12, 11, 14, 12, 13, 15, 12, 12, 21, 18, 11, 13, 8, 17, 5, 7, 5, 14,
7, 10, 9, 7, 9, 13, 7, 9, 9, 7, 12, 7, 7, 8, 10, 17, 9, 9, 7, 7, 7,
10, 6, 10, 9, 10, 10, 13, 11, 14*, 20, 11, 11*, 12, 6, 12, ~7, ~6,
~8, 7, 12, 10,

No 15B₁, 16B₂, 14H+4, 14B₂, 12B₂, 13H+4,
14B₃, 15B₂

Nc 15B₃, 19B₃, 6C₁, 8B₃, 8B₃, 9B₃,
8B₂,

Patch AC start 21:49-21:54 Low mussel set

Nc 9, 14, 10, ~8, 8, 8

No 9, 14, 12,

Nc 10B₂, 14B₃, 16B₂

Patch AF 21:55-22:06 Good mussel set

Nc 16, 10, 18, 10, 9, 10, 16, 17, 9, 7, 9, 16, 14, 12, 10, 19,
16, 18,

No 12, 15, 13, 15, 14, 16, 12,

Nc 16B₂,

No 16B₂, 14B₂, 17B₂,

Patch AG start 22:08-22:19 very low mussel set

Nc 22, 16, 19, 23, 15,

No 17, 15, 19, 17, 19, 15, 17, 17, 17, 18, 16, 15, 17, 15, 15,
16, 17, ~8, 15, ~6, 16,

Nc 21B₂

Patch BB start 22:20-22:23 very low set

No ~15, ~15, ~10, ~11, ~9, ~8,

Nc 18B₂, 12B₂

Patch BF start 22:24-22:34 very low set

Nc 13, 14, 7, 8, 13*, 11, 10, ~12, ~15,

No 10, 15, 12, 15, ~15, ~12, 12, ~9, 11, ~15, ~16, ~17,
17, ~15, ~15

Patch BE start 22:35-22:40 very low set

No 12, 15, ~15, ~14, ~13, 12, ~12, ~12,

Nc 17, 14,

Nc 14B₂

10/8/13 YB Arrive ~19:50 Patch pier '61
Whelk counts in patch BD (not accessible
on previous night)

	No	Nc
1	0	0
2	0	0
3	0	1
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0

10/8/13 Barnacle cage Expt

Cage 15 lost its lid.

Nc here invaded. Not restocked.

Patch G Start 17:25 No 5
END 17:30

Patch AB Start 17:30 Gravel calibration
No 12, 7, 8, 3, 2, 8, 10, 9, 18, 7, 7, 11,
No 7, 14
No 17, 3, 2, END 17:42

Patch AC Start 17:43
No 11, 12, 10, 11, 7, 17:53

Patch AD Start 18:02
No 15, 9, 16, 15, 12, 7, 15, 14, 15, 15, 14, 16, 15, 14, 20, 17, 16,
21, 14, 15, 20, 14, 13, 15, 13, 17, 15, 15, 10, 13, 12, 13, 14,
No 10, 11, 13, 17, 2, 18, 14, 11
No 17, 6, 16,
No 17, 16, 16, 18, 14, 15, END 18:20

Patch AE Start 18:20
No 16, 14, END 18:26

Patch AF Start 18:26
No 10, 6, 7, 14, 11, 5, 13, 14, 11, 13,
No 6, 14
No 13, 8, 11, 12, 2,
No 10, 11, 15, 11, 15, 5, 12, 10, END 18:38

Patch AG Start 18:38
No 15, 16, 8, 12, 10, 14, 2, 16, 18, 16,
No 21, 9, 16,

Patch BB Start 19:04
No 16, 14, 15, 16, 12,
No 15, 13, END 19:08

Patch BC Start 19:08
No 7, No 14, 13
No 5, 13, END 19:15

Patch BD Start 19:15
No 8, END 19:20

Patch BE Start 19:20
No 10, 6, 10, 17, 14, 12, 14, 11, 14, 12, 10,
No 18, 10, 15, 15,
No 15, 14, END 19:30

Patch BF Start 19:30
No 11, 16, 15, 14, 12, 10, 15, 12, 12, 14, 13, 15, 12
No 13, 12, 15, 16,
No 11, 14, END 19:41

11/5/13 18
Case status: Tops now mtd off of 7 & 13
in addition to 15 (can last time
Case top of 6 is slightly damaged.

11/5/13 Patched photos
5 gulls feed

VB 12/3/13 Experimented patches

15 gulls on approach

Clear blue sky, cold, and land masses
large sand/gravel in flow higher to shore
and in tide pools, (E) &

Not much change to patches; although in ^{most} ~~some~~
a new batch of *B. glauca* recruits has settled
into the bare patches. * Channel under bridge is

filled!!

Patch D Start 16:10 End 16:17

Nc 8, 9, 10, 13,

Nc 18 & 2,

Patch F Start 16:18 End 16:22

Nc 12, 10

Patch E Start 16:22

Nc 17 B₃, 13 B₂

Nc 19, 13, 17,

No 15 PLS, End 16:29

Patch A Start 16:30

Nc 11 End 16:35

Patch B Start 16:36

Nc 11 B₁, 16 Ch₁, 13 B₂, 11 PLS, 7 B₁, 8 B₁,
Nc 13, 5, 7, 10, ~7, 8, 9, ~7, 9, ~10, ~6, ~10, ~20,

No ~11, ~10,

Nc ~18, ~18, ~20, ~10, ~14, 20, 17, 19, 22, 26, 22, (4),
19, 18, 13, 10, (4) 10,

End 16:52

Patch C Start 16:52

Nc 13 B₃, 20 B₃,

END 17:02

Nc 10, 12, 16, 16, 13, 21, 18, 13, 5, 7, 8, 11, 12

Patch G Start 17:03

Nc 13, 8, 15, 15, 10, 12, 12,

No 6,

Nc 12 PLS, End 17:12

Patch AC Start 17:12

* Fenton

No 13

Nc 8, 12*, 16, 12, 10,

Nc 13 PLS, End 17:19

Patch AB Start 17:26

Nc 15 PLS, 8 B₃, 18 B₁, 12 B₃,

Nc 10, 11, 20, 7, 10, 13, 6, 6, 7, 7,

No 6,

No 14 B₃, End 17:36

Patch AF Start 17:39

Nc 7, 15, 8, 17, 15, 16, 15, 14, 10, 16, 16, 12, 14, 7, 12, 14,

Nc 16 B₄, 17 B₃, 11 B₄,

No 17, 15, 13, 12, 14, 12, 16, 17, 11,

for Nc 13, 19, 17, 14, 12, 12, 13, 13, 16, 9,

End 17:54

Patch AE Start 17:55

Nc 10, 10, 14 End 18:00

Patch AD Start 1800

Nc 13, 2, 18, 14, 16, 14, 15, 2, 12, 2

Nc 12, 21, 7, 15, 17, 16, 20, 15, 16, 13, 20, 7, 18,

No 8, 9,

Nc 15, 13, 16, 16, 14, 11, 21, 9, 18, 13, 16, 12, 11, 15,
END 18:16

Patch AG Start 18:18

No ~10, ~16, ~18, 12,

Nc 20, 18, 15, 7, 15, 9, 7 END 18:28

Patch BB Start 18:30

Nc 13, 7,

No 8, 10, 12, 6, 5, 8, 12, 13, 15, 18, 13, END 18:38

Patch BD Start 18:43

Nc 22 END 18:48

Patch BC Start 18:49

Nc 18

No 14,

END 18:52

Patch BF Start 18:53

Nc 12, 14, 14, 7, 9, 16, 13, 7, 16, 16,

Nc 16, 12, 12, 14, 11, 15, 16, 15, 17, 12, 12, END 19:05

Patch BE Start 19:05

No 12, 12, 14,

Nc 11, 14, 8, 15, 11, 8, 7, 12, 15, 10

No 17, 11, 9,

Nc 8, 11, 3,

END 19:15

12/3/13 Cays
Total of 6 birds lost
But cays holding up well.

Missed Dec/January files

Jan 29th, 2014 Yachats Bridge

Experimental Patches

8 gulls + 3 oystercatchers

Shit lots of sand on highshore + in channel
large waves + swell. Wind + rain

All except 1 cage had ~~something~~ gone

Only ~~3~~ new natural patches that Nand
of site. ~1 x 1.5m bare + next to G1.

Yell many patches have had barnacles

removed back to bare rock, some entirely

A 10%. AB 65%. BB ~~1%~~ 1% bare

B 15%* AC 35%. BC 2% bare

C 35%. AD 7%. BD 80% bare

D 50%. AE 3%. BE 70% bare

E 50%. AF ~~70%~~ 70% BF 50% bare

F 5%. AG 4% ~~5%~~

G 30% *low because disturbance occurred

primarily + barnacles have recolonized

Natural barnacle zone is understory (low)

Flugs have established well in AB, G, A, M

+ Next to AB (1x2.5)

Algae all gone

Ritter

Letters in low H's

Feeding surveys

Patch P Start 14:35 End 14:40

Patch D Start 14:40

Nc 18, END 14:45

Patch BB Start 14:46 END 14:50

No 10, 10, 13, ~12,

Patch AG Start 14:51

END 14:59

Nc 8, 18, 8, No 16, 16, 15

Patch AE Start 15:00 END 15:05

No 7, 6, ~10, ~18,

Nc 15

Patch BC Start 15:06 END 15:10

No 17, 15, 15,

Patch BE Start 15:11 END 15:13

No 7, 16,

Patch BF Start 15:13 END 15:19

Nc 7, 7, 15, 6

No 14, 14, 16, 11, 12, 41

Patch AD Start 15:20 END 15:32

Nc 9, 11, 8, 11, 5, 5, 6, 7, ~2, 16, 19, 20, 16, 13, 15, 10, 7, 8,

No 48,

Nc 14, 7, 7, 11, ~12, ~12,

Patch AF Start 15:33 END 15:38

No ~10, ~10, 6,

Patch AC Start 15:39 + END 15:43

~~Nc~~ Nc 8, 7

Patch AB Start 15:45 END 15:49

Nc 6, 3, 3, 3, 9, 7

Patch G Start 15:52 END 15:56

No 13

Patch E Start 15:57 END 16:03

Nc 13, 9, 17,

3 Nc eggs!

Patch C Start 16:04 - 16:08

Nc 17, 16

No 9, 6,

Patch A Start 16:09 - 16:16

No 8, 20, 7

Nc 5, 6,

Patch B Start 16:16 including posted area

No 5, END 16:24

Nc 6, 9, 6, 8, 7, ~20, ~20, ~10, 12, 13, 10,

Nc 22 Rg 4

Patch BD Start 16:27 END 16:30

1/30/14 YB

Finishing up quad pres and wheel counts

2/26/14 YB

Partly overcast & windy, light waves. 1 gull
white counts + quad pres

2/27/14 YB

Feeling surveys. 8 gulls on approach
overcast moderate waves, low breeze. rain

Patrol A Start 16:34 End 16:41

Nc 5,

Nc 6,

Nc 23 N14, 12, 11,

Patrol B Start 16:42 End 16:53

Nc 6, 20, 18, 11, 7, ~

Nc 18, 5, 6, 19, 10, 5, 19, 13, 14, 17, 19, 25, 13, 20, ~11,

Nc 20, 19, 20, 9, 19,

Patrol C 16:55 - 17:01

Nc 6, 6,

Patrol E 17:02 - 17:03

Nc 20, 7,

Nc 17,

Patrol G 17:09 - 17:15

Nc 18 N17

Nc 10,

Nc 10, 7, 5, 8

Patrol AB 17:16 - 17:19

Ø

Patrol BD 17:20 - 17:25

Nc 5,

Nc 15,

Patrol BE 17:25 - 17:28

Ø

Patrol BF 17:29 - 17:33

Nc 16, 15

Nc 6,

Patrol BC 17:34 - 17:41

Nc 8, 14

Nc 16, 15, 14, ~15, 16, 14, 4 old looking eggs

~~Patrol BC 17:42 - 17:48~~

Patrol AD 17:42 - 17:53

Nc 20, 17, 17, 10, 7, 6, 20, 22,

Nc 10, 15, 13, 15, 7, 16, 16, 20, 15, 12, 7, 15, 16, 6,

Eggs, 13 eggs seen hatched 16,

Nc 18 N16, 10 N12,

Nc 12 N10,

Patrol AE 17:54 - 18:05

Nc 18, 9,

Nc 9, 21,

Patch AG 1806-1817

No 9, 10, 11, 14, 15, 17, 18,
No 16, 16, 17, 17, 18, 19, 13, 15, 16, 17, 18, 17
2006

Patch BB 1818-1825

No 7
No 9, 10, 13, 11,

Patch AF 1826-1833

No 15, 2, 12, 2, 16, 15, 17, 9, 3, 13, 3,
No 17, 17, 16, 17, 15,

Patch AC 1833-1837

No 14, 15,

Patch F 1838-1842

No 17,

Patch D 1843-1847

No 15, 11,
No 6, 11, 2,