

Case	No.	$a$ (m)	$b$	$r^2$	$\overline{h_B}$ (m)	$\overline{h_M}$ (m)	$\overline{h_B}/\overline{h_M}$	Ratio < 0.5	> 0.5 and < 2	Ratio > 2	$n$
Base case	0	105	0.14	0.02	143	265	0.54	55 %	30 %	14 %	83
Suncor 1	1	1	0.03	0.32	6	178	0.04	91 %	0 %	9 %	11
Suncor 2	2	140	-0.01	0.00	137	260	0.52	73 %	9 %	18 %	11
Suncor 3	3	8	0.00	0.00	9	199	0.04	92 %	0 %	8 %	12
Suncor 4	4	235	-0.21	0.02	175	286	0.61	50 %	33 %	17 %	12
Syncrude 1	5	289	0.02	0.00	294	296	1.00	18 %	53 %	29 %	17
Syncrude 2	6	149	0.12	0.04	185	298	0.62	25 %	69 %	6 %	16
CNRL 1	7	66	-0.04	NA	49	395	0.13	100 %	0 %	0 %	2
CNRL 2 (NPRI)	8	100	-0.23	NA	15	374	0.04	100 %	0 %	0 %	2
Neutral cases only	9	101	0.13	0.01	134	244	0.55	56 %	26 %	18 %	50
Stable cases only	10	116	0.14	0.04	157	296	0.53	55 %	36 %	9 %	33
Expanded neutral limits	11	105	0.14	0.02	143	265	0.54	55 %	30 %	14 %	83
Reduced neutral limits	12	94	0.16	0.03	136	265	0.51	55 %	30 %	14 %	83
Stability by lapse rate	13	93	0.14	0.05	129	265	0.49	55 %	33 %	12 %	83
Stability by P-G class.	14	140	0.24	0.02	203	265	0.77	48 %	33 %	19 %	83
Including $x_e > 50$ km	15	126	-0.01	0.00	123	306	0.40	63 %	24 %	13 %	121
Scaled to max. dist.	16	107	0.14	0.02	145	265	0.55	55 %	30 %	14 %	83
No limit of $-5 \text{ K km}^{-1}$	17	109	0.16	0.02	151	265	0.57	53 %	31 %	16 %	83
Eqs. (4b, 5b) (no min)	18	1416	-1.25	0.00	1085	265	4.10	54 %	23 %	23 %	83
Alternate neutral Eq. (16)	19	4422	-4.26	0.00	3293	265	12.44	51 %	23 %	27 %	83
Momentum (Eqs. 17, 18)	20	114	0.17	0.02	159	265	0.60	54 %	30 %	16 %	83
Momentum (Eq. 20)	21	227	0.40	0.02	333	265	1.26	48 %	17 %	35 %	83