

2 Climate

Total \$ Redistributed	Base	Proposed
Climate	\$504 257	n/a

This factor recognises costs arising from climatic conditions such as excessive downtime of outdoor work due to rain, as well as increased maintenance costs on infrastructure due to adverse weather. This CA currently redistributes \$504 257 between councils and five councils benefit.

Climate CA currently applies to three expenditure categories which are:

- planning and community amenities;
- waste management and environment; and
- recreation and culture.

Council	Mean Annual Rainfall (mm) (1971-2000)	Council	Mean Annual Rainfall (mm) (1971-2000)
Break O'Day	753	Hobart	576
Brighton	538	Huon Valley	730
Burnie	973	Kentish	1 105
Central Coast	970	King Island	869
Central Highlands	537	Kingborough	645
Circular Head	1 170	Latrobe	970
Clarence	495	Launceston	694
Derwent Valley	596	Meander Valley	836
Devonport	780	Northern Midlands	642
Dorset	1 028	Sorell	517
Flinders	713	Southern Midlands	511
George Town	668	Tasman	808
Glamorgan-Spring Bay	645	Waratah-Wynyard	1 228
Glenorchy	761	West Coast	2 388
		West Tamar	969

The Climate CA currently applies to only those councils that have a rainfall of over 1000 mm per year. The long term precipitation data that informs this CA is presented in the table above.

By using a 1000 mm threshold to determine the impact of this CA (Appendix 1), it could be argued there is an inequity for those councils with a rainfall amount just below the threshold such as Burnie (973 mm), Central Coast (970 mm), Latrobe (970 mm) and West Tamar (969 mm), all of which suffer a 0.3 per cent decrease in their non-roads expenditure, which is redistributed among the councils with an annual rainfall above the 1000 mm threshold.

The Commission is proposing three options for this CA, the first of which is the removal of the Climate CA from the model, as its overall redistribution impact is negligible when compared to the effect of other CAs.

However, it may be more equitable to remove the threshold and range the effects of this CA over a continuum of all rainfall (Appendix 2). The Commission will be able to control the distribution spread by the range factors. Those councils with high rainfall will still receive an adjustment but it will be a more equitable spread over all councils based on the State average. The Commission may also examine the range factors associated with this CA to determine whether it achieves an equitable outcome.

Another option suggested by the Commission is to increase the rainfall threshold to 2000 mm (Appendix 3). The increased threshold would mean that West Coast would be the only council to benefit from this CA. The Commission would adjust the range factor for this CA in order to ensure that the redistribution to West Coast does not exceed +10 per cent of West Coast's applicable expenditure categories.

Range Factor Adjustment

The Commission has determined to increase the effect of the Climate CA by altering the range factor to distribute a maximum of 10 per cent on applicable expenditure categories. The effect of this adjustment has been implemented in options 2 and 3 and can be seen in Appendices 3 and 4. The dollar and percentage impacts to all councils can be observed in columns K & L in these Appendices.

Options

The three options being considered for this CA are:

- | | |
|----------|---|
| Option 1 | Remove the Climate Cost Adjustor from the BGM. (Preferred Option) |
| Option 2 | Retain the Climate Cost Adjustor, but remove the 1000 mm threshold and replace it with a sliding scale which incorporates all councils. |
| Option 3 | Retain the Climate Cost Adjustor, but increase the threshold to 2000 mm. |

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	APPENDIX 1 - Climate - Cost Adjustor Impacts on 2006-07 Base Year Data													
2														
3		GENERAL ADMINISTRATION	EDUCATION HEALTH HOUSING AND WELFARE	LAW ORDER AND PUBLIC SAFETY	PLANNING & COMMUNITY AMENITIES	WASTE MANAGEMENT AND ENVIRONMENT	RECREATION AND CULTURE	SEWERAGE	WATER	OTHER	TOTAL EXPENDITURE EFFECT	IMPACT ON APPLICABLE EXPENDITURE CATEGORIES	IMPACT ON NON-ROADS EXPENDITURE	RANK - % IMPACT ON NON-ROADS EXP
4														
5	CLIMATE - The effect of the Climate Cost Adjustor on each expenditure category (2006-07 Data)													
6														
7	Break O'Day	+ 0	+ 0	+ 0	- 1 507	- 2 295	- 3 141	+ 0	+ 0	+ 0	- 6 943	-0.3%	-0.2%	9
8	Brighton	+ 0	+ 0	+ 0	- 3 575	- 5 446	- 7 452	+ 0	+ 0	+ 0	- 16 473	-0.3%	-0.2%	12
9	Burnie	+ 0	+ 0	+ 0	- 4 759	- 7 250	- 9 922	+ 0	+ 0	+ 0	- 21 931	-0.3%	-0.2%	6
10	Central Coast	+ 0	+ 0	+ 0	- 5 136	- 7 825	- 10 708	+ 0	+ 0	+ 0	- 23 669	-0.3%	-0.2%	9
11	Central Highlands	+ 0	+ 0	+ 0	- 559	- 852	- 1 166	+ 0	+ 0	+ 0	- 2 578	-0.3%	-0.2%	12
12	Circular Head	+ 0	+ 0	+ 0	+ 19 627	+ 29 901	+ 40 920	+ 0	+ 0	+ 0	+ 90 448	+3.3%	+1.7%	3
13	Clarence	+ 0	+ 0	+ 0	- 12 367	- 18 840	- 25 784	+ 0	+ 0	+ 0	- 56 991	-0.3%	-0.2%	12
14	Derwent Valley	+ 0	+ 0	+ 0	- 2 361	- 3 597	- 4 923	+ 0	+ 0	+ 0	- 10 881	-0.3%	-0.2%	9
15	Devonport	+ 0	+ 0	+ 0	- 6 032	- 9 190	- 12 577	+ 0	+ 0	+ 0	- 27 799	-0.3%	-0.2%	12
16	Dorset	+ 0	+ 0	+ 0	+ 14 973	+ 22 810	+ 31 216	+ 0	+ 0	+ 0	+ 68 998	+2.8%	+1.5%	5
17	Flinders	+ 0	+ 0	+ 0	- 212	- 323	- 442	+ 0	+ 0	+ 0	- 977	-0.3%	-0.2%	6
18	George Town	+ 0	+ 0	+ 0	- 1 629	- 2 481	- 3 396	+ 0	+ 0	+ 0	- 7 506	-0.3%	-0.2%	12
19	Glamorgan-Spring Bay	+ 0	+ 0	+ 0	- 1 059	- 1 614	- 2 208	+ 0	+ 0	+ 0	- 4 881	-0.3%	-0.2%	24
20	Glenorchy	+ 0	+ 0	+ 0	- 10 694	- 16 292	- 22 295	+ 0	+ 0	+ 0	- 49 281	-0.3%	-0.2%	12
21	Hobart	+ 0	+ 0	+ 0	- 12 016	- 18 305	- 25 052	+ 0	+ 0	+ 0	- 55 373	-0.3%	-0.2%	24
22	Huon Valley	+ 0	+ 0	+ 0	- 3 535	- 5 386	- 7 370	+ 0	+ 0	+ 0	- 16 291	-0.3%	-0.2%	24
23	Kentish	+ 0	+ 0	+ 0	+ 13 542	+ 20 630	+ 28 232	+ 0	+ 0	+ 0	+ 62 404	+3.1%	+1.6%	4
24	King Island	+ 0	+ 0	+ 0	- 416	- 634	- 868	+ 0	+ 0	+ 0	- 1 919	-0.3%	-0.2%	12
25	Kingborough	+ 0	+ 0	+ 0	- 7 789	- 11 865	- 16 238	+ 0	+ 0	+ 0	- 35 892	-0.3%	-0.2%	24
26	Latrobe	+ 0	+ 0	+ 0	- 2 192	- 3 340	- 4 570	+ 0	+ 0	+ 0	- 10 102	-0.3%	-0.2%	12
27	Launceston	+ 0	+ 0	+ 0	- 15 692	- 23 906	- 32 716	+ 0	+ 0	+ 0	- 72 313	-0.3%	-0.2%	24
28	Meander Valley	+ 0	+ 0	+ 0	- 4 622	- 7 041	- 9 636	+ 0	+ 0	+ 0	- 21 298	-0.3%	-0.2%	12
29	Northern Midlands	+ 0	+ 0	+ 0	- 3 017	- 4 595	- 6 289	+ 0	+ 0	+ 0	- 13 901	-0.3%	-0.2%	12
30	Sorell	+ 0	+ 0	+ 0	- 3 003	- 4 576	- 6 262	+ 0	+ 0	+ 0	- 13 841	-0.3%	-0.2%	12
31	Southern Midlands	+ 0	+ 0	+ 0	- 1 419	- 2 162	- 2 958	+ 0	+ 0	+ 0	- 6 538	-0.3%	-0.2%	6
32	Tasman	+ 0	+ 0	+ 0	- 556	- 847	- 1 159	+ 0	+ 0	+ 0	- 2 563	-0.3%	-0.2%	12
33	Waratah-Wynyard	+ 0	+ 0	+ 0	+ 34 933	+ 53 219	+ 72 831	+ 0	+ 0	+ 0	+ 160 983	+3.4%	+1.8%	2
34	West Coast	+ 0	+ 0	+ 0	+ 26 349	+ 40 141	+ 54 934	+ 0	+ 0	+ 0	+ 121 424	+7.0%	+3.7%	1
35	West Tamar	+ 0	+ 0	+ 0	- 5 276	- 8 038	- 11 001	+ 0	+ 0	+ 0	- 24 315	-0.3%	-0.2%	24
36														
37	SUM REDISTRIBUTED	0	0	0	109 424	166 700	228 133	0	0	0	504 257			
38	AS PROPN OF CAT EXP	0.000%	0.000%	0.000%	0.304%	0.304%	0.304%	#DIV/0!	#DIV/0!	0.000%		0.304%	0.161%	
39														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
40	APPENDIX 2 - Proposed Climate Cost Adjustor Impact (Option 2 - Sliding Scale Distribution, 1000 mm Threshold Removed)													
41														
42		GENERAL ADMINISTRATION	EDUCATION HEALTH HOUSING AND WELFARE	LAW ORDER AND PUBLIC SAFETY	PLANNING & COMMUNITY AMENITIES	WASTE MANAGEMENT AND ENVIRONMENT	RECREATION AND CULTURE	SEWERAGE	WATER	OTHER	TOTAL EXPENDITURE EFFECT	IMPACT ON APPLICABLE EXPENDITURE CATEGORIES	IMPACT ON NON-ROADS EXPENDITURE	RANK - % IMPACT ON NON-ROADS EXP
43														
44	CLIMATE - The effect of the Climate Cost Adjustor on each expenditure category (2006-07 Data)													
45														
46	Break O'Day	+ 0	+ 0	+ 0	+ 31	+ 47	+ 65	+ 0	+ 0	+ 0	+ 143	+0.0%	+0.0%	15
47	Brighton	+ 0	+ 0	+ 0	- 14 169	- 21 585	- 29 539	+ 0	+ 0	+ 0	- 65 293	-1.3%	-0.7%	25
48	Burnie	+ 0	+ 0	+ 0	+ 19 479	+ 29 675	+ 40 611	+ 0	+ 0	+ 0	+ 89 765	+1.4%	+0.7%	6
49	Central Coast	+ 0	+ 0	+ 0	+ 20 743	+ 31 600	+ 43 246	+ 0	+ 0	+ 0	+ 95 589	+1.3%	+0.7%	7
50	Central Highlands	+ 0	+ 0	+ 0	- 2 224	- 3 389	- 4 638	+ 0	+ 0	+ 0	- 10 251	-1.3%	-0.7%	26
51	Circular Head	+ 0	+ 0	+ 0	+ 15 397	+ 23 456	+ 32 100	+ 0	+ 0	+ 0	+ 70 952	+2.6%	+1.4%	3
52	Clarence	+ 0	+ 0	+ 0	- 58 847	- 89 649	- 122 687	+ 0	+ 0	+ 0	- 271 182	-1.6%	-0.8%	29
53	Derwent Valley	+ 0	+ 0	+ 0	- 6 800	- 10 359	- 14 177	+ 0	+ 0	+ 0	- 31 336	-1.0%	-0.5%	23
54	Devonport	+ 0	+ 0	+ 0	+ 3 179	+ 4 843	+ 6 628	+ 0	+ 0	+ 0	+ 14 651	+0.2%	+0.1%	13
55	Dorset	+ 0	+ 0	+ 0	+ 8 956	+ 13 644	+ 18 672	+ 0	+ 0	+ 0	+ 41 272	+1.7%	+0.9%	5
56	Flinders	+ 0	+ 0	+ 0	- 151	- 230	- 315	+ 0	+ 0	+ 0	- 696	-0.2%	-0.1%	17
57	George Town	+ 0	+ 0	+ 0	- 2 545	- 3 878	- 5 307	+ 0	+ 0	+ 0	- 11 730	-0.5%	-0.3%	19
58	Glamorgan-Spring Bay	+ 0	+ 0	+ 0	- 2 100	- 3 198	- 4 377	+ 0	+ 0	+ 0	- 9 675	-0.7%	-0.3%	21
59	Glenorchy	+ 0	+ 0	+ 0	+ 1 812	+ 2 760	+ 3 777	+ 0	+ 0	+ 0	+ 8 348	+0.1%	+0.0%	14
60	Hobart	+ 0	+ 0	+ 0	- 39 027	- 59 454	- 81 365	+ 0	+ 0	+ 0	- 179 846	-1.1%	-0.6%	24
61	Huon Valley	+ 0	+ 0	+ 0	- 1 434	- 2 184	- 2 989	+ 0	+ 0	+ 0	- 6 608	-0.1%	-0.1%	16
62	Kentish	+ 0	+ 0	+ 0	+ 9 542	+ 14 537	+ 19 894	+ 0	+ 0	+ 0	+ 43 973	+2.2%	+1.1%	4
63	King Island	+ 0	+ 0	+ 0	+ 901	+ 1 372	+ 1 878	+ 0	+ 0	+ 0	+ 4 151	+0.7%	+0.4%	10
64	Kingborough	+ 0	+ 0	+ 0	- 15 348	- 23 382	- 31 999	+ 0	+ 0	+ 0	- 70 729	-0.7%	-0.3%	20
65	Latrobe	+ 0	+ 0	+ 0	+ 8 844	+ 13 472	+ 18 437	+ 0	+ 0	+ 0	+ 40 753	+1.3%	+0.7%	8
66	Launceston	+ 0	+ 0	+ 0	- 16 892	- 25 733	- 35 217	+ 0	+ 0	+ 0	- 77 842	-0.4%	-0.2%	18
67	Meander Valley	+ 0	+ 0	+ 0	+ 7 178	+ 10 935	+ 14 965	+ 0	+ 0	+ 0	+ 33 078	+0.5%	+0.3%	11
68	Northern Midlands	+ 0	+ 0	+ 0	- 6 164	- 9 390	- 12 851	+ 0	+ 0	+ 0	- 28 404	-0.7%	-0.4%	22
69	Sorell	+ 0	+ 0	+ 0	- 13 081	- 19 929	- 27 273	+ 0	+ 0	+ 0	- 60 283	-1.4%	-0.8%	27
70	Southern Midlands	+ 0	+ 0	+ 0	- 6 328	- 9 640	- 13 193	+ 0	+ 0	+ 0	- 29 161	-1.5%	-0.8%	28
71	Tasman	+ 0	+ 0	+ 0	+ 575	+ 875	+ 1 198	+ 0	+ 0	+ 0	+ 2 648	+0.3%	+0.2%	12
72	Waratah-Wynyard	+ 0	+ 0	+ 0	+ 29 580	+ 45 064	+ 61 671	+ 0	+ 0	+ 0	+ 136 315	+2.9%	+1.5%	2
73	West Coast	+ 0	+ 0	+ 0	+ 37 660	+ 57 373	+ 78 516	+ 0	+ 0	+ 0	+ 173 549	+10.0%	+5.3%	1
74	West Tamar	+ 0	+ 0	+ 0	+ 21 233	+ 32 347	+ 44 267	+ 0	+ 0	+ 0	+ 97 847	+1.3%	+0.7%	9
75														
76	SUM REDISTRIBUTED	0	0	0	185 109	282 001	385 926	0	0	0	853 036			
77	AS PROPN OF CAT EXP	0.000%	0.000%	0.000%	0.513%	0.513%	0.513%	#DIV/0!	#DIV/0!	0.000%		0.513%	0.272%	
78														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
79	APPENDIX 3 - Proposed Climate Cost Adjustor Impact (Option 3 - Threshold Increased to 2000 mm)													
80														
81		GENERAL ADMINISTRATION	EDUCATION HEALTH HOUSING AND WELFARE	LAW ORDER AND PUBLIC SAFETY	PLANNING & COMMUNITY AMENITIES	WASTE MANAGEMENT AND ENVIRONMENT	RECREATION AND CULTURE	SEWERAGE	WATER	OTHER	TOTAL EXPENDITURE EFFECT	IMPACT ON APPLICABLE EXPENDITURE CATEGORIES	IMPACT ON NON-ROADS EXPENDITURE	RANK - % IMPACT ON NON-ROADS EXP
82														
83	CLIMATE - The effect of the Climate Cost Adjustor on each expenditure category (2006-07 Data)													
84														
85	Break O'Day	+ 0	+ 0	+ 0	- 480	- 732	- 1 001	+ 0	+ 0	+ 0	- 2 213	-0.1%	-0.1%	3
86	Brighton	+ 0	+ 0	+ 0	- 1 140	- 1 736	- 2 376	+ 0	+ 0	+ 0	- 5 251	-0.1%	-0.1%	17
87	Burnie	+ 0	+ 0	+ 0	- 1 517	- 2 311	- 3 163	+ 0	+ 0	+ 0	- 6 991	-0.1%	-0.1%	3
88	Central Coast	+ 0	+ 0	+ 0	- 1 637	- 2 494	- 3 414	+ 0	+ 0	+ 0	- 7 545	-0.1%	-0.1%	3
89	Central Highlands	+ 0	+ 0	+ 0	- 178	- 272	- 372	+ 0	+ 0	+ 0	- 822	-0.1%	-0.1%	3
90	Circular Head	+ 0	+ 0	+ 0	- 634	- 966	- 1 322	+ 0	+ 0	+ 0	- 2 921	-0.1%	-0.1%	3
91	Clarence	+ 0	+ 0	+ 0	- 3 942	- 6 006	- 8 219	+ 0	+ 0	+ 0	- 18 168	-0.1%	-0.1%	3
92	Derwent Valley	+ 0	+ 0	+ 0	- 753	- 1 147	- 1 569	+ 0	+ 0	+ 0	- 3 469	-0.1%	-0.1%	17
93	Devonport	+ 0	+ 0	+ 0	- 1 923	- 2 930	- 4 009	+ 0	+ 0	+ 0	- 8 862	-0.1%	-0.1%	17
94	Dorset	+ 0	+ 0	+ 0	- 558	- 850	- 1 164	+ 0	+ 0	+ 0	- 2 572	-0.1%	-0.1%	17
95	Flinders	+ 0	+ 0	+ 0	- 68	- 103	- 141	+ 0	+ 0	+ 0	- 311	-0.1%	-0.1%	3
96	George Town	+ 0	+ 0	+ 0	- 519	- 791	- 1 083	+ 0	+ 0	+ 0	- 2 393	-0.1%	-0.1%	3
97	Glamorgan-Spring Bay	+ 0	+ 0	+ 0	- 338	- 514	- 704	+ 0	+ 0	+ 0	- 1 556	-0.1%	-0.1%	3
98	Glenorchy	+ 0	+ 0	+ 0	- 3 409	- 5 193	- 7 107	+ 0	+ 0	+ 0	- 15 710	-0.1%	-0.1%	3
99	Hobart	+ 0	+ 0	+ 0	- 3 830	- 5 835	- 7 986	+ 0	+ 0	+ 0	- 17 652	-0.1%	-0.1%	17
100	Huon Valley	+ 0	+ 0	+ 0	- 1 127	- 1 717	- 2 350	+ 0	+ 0	+ 0	- 5 193	-0.1%	-0.1%	17
101	Kentish	+ 0	+ 0	+ 0	- 466	- 710	- 972	+ 0	+ 0	+ 0	- 2 149	-0.1%	-0.1%	28
102	King Island	+ 0	+ 0	+ 0	- 133	- 202	- 277	+ 0	+ 0	+ 0	- 612	-0.1%	-0.1%	17
103	Kingborough	+ 0	+ 0	+ 0	- 2 483	- 3 782	- 5 176	+ 0	+ 0	+ 0	- 11 442	-0.1%	-0.1%	17
104	Latrobe	+ 0	+ 0	+ 0	- 699	- 1 065	- 1 457	+ 0	+ 0	+ 0	- 3 220	-0.1%	-0.1%	3
105	Launceston	+ 0	+ 0	+ 0	- 5 002	- 7 621	- 10 429	+ 0	+ 0	+ 0	- 23 052	-0.1%	-0.1%	28
106	Meander Valley	+ 0	+ 0	+ 0	- 1 473	- 2 245	- 3 072	+ 0	+ 0	+ 0	- 6 789	-0.1%	-0.1%	17
107	Northern Midlands	+ 0	+ 0	+ 0	- 962	- 1 465	- 2 005	+ 0	+ 0	+ 0	- 4 431	-0.1%	-0.1%	3
108	Sorell	+ 0	+ 0	+ 0	- 957	- 1 459	- 1 996	+ 0	+ 0	+ 0	- 4 412	-0.1%	-0.1%	17
109	Southern Midlands	+ 0	+ 0	+ 0	- 452	- 689	- 943	+ 0	+ 0	+ 0	- 2 084	-0.1%	-0.1%	2
110	Tasman	+ 0	+ 0	+ 0	- 177	- 270	- 370	+ 0	+ 0	+ 0	- 817	-0.1%	-0.1%	3
111	Waratah-Wynyard	+ 0	+ 0	+ 0	- 1 070	- 1 630	- 2 231	+ 0	+ 0	+ 0	- 4 931	-0.1%	-0.1%	3
112	West Coast	+ 0	+ 0	+ 0	+ 37 611	+ 57 297	+ 78 413	+ 0	+ 0	+ 0	+ 173 321	+10.0%	+5.3%	1
113	West Tamar	+ 0	+ 0	+ 0	- 1 682	- 2 562	- 3 507	+ 0	+ 0	+ 0	- 7 751	-0.1%	-0.1%	17
114														
115	<i>SUM REDISTRIBUTED</i>	0	0	0	37 611	57 297	78 413	0	0	0	173 321			
116	<i>AS PROPN OF CAT EXP</i>	0.000%	0.000%	0.000%	0.104%	0.104%	0.104%	#DIV/0!	#DIV/0!	0.000%		0.104%	0.055%	
117														

	A	B	C	D	E
118	APPENDIX 4 - Current Climate Cost Adjustor				
119	(using 1000mm Threshold)				
120					
121					
122	SET THRESHOLD (mm) -->	1000			
123			"SCORE"	RANGED	
124		RAINFALL	RELATIVE	COST	
125		INDEX	DISABILITY	ADJUSTOR	
126				RF-> 95.000	
127	BREAK O'DAY	0	0.00	0.9953	
128	BRIGHTON	0	0.00	0.9953	
129	BURNIE	0	0.00	0.9953	
130	CENTRAL COAST	0	0.00	0.9953	
131	CENTRAL HIGHLANDS	0	0.00	0.9953	
132	CIRCULAR HEAD	1 170	4.91	1.0467	
133	CLARENCE	0	0.00	0.9953	
134	DERWENT VALLEY	0	0.00	0.9953	
135	DEVONPORT	0	0.00	0.9953	
136	DORSET	1 028	4.31	1.0404	
137	FLINDERS	0	0.00	0.9953	
138	GEORGE TOWN	0	0.00	0.9953	
139	GLAMORGAN/SPRING BAY	0	0.00	0.9953	
140	GLENORCHY	0	0.00	0.9953	
141	HOBART	0	0.00	0.9953	
142	HUON VALLEY	0	0.00	0.9953	
143	KENTISH	1 105	4.63	1.0438	
144	KING ISLAND	0	0.00	0.9953	
145	KINGBOROUGH	0	0.00	0.9953	
146	LATROBE	0	0.00	0.9953	
147	LAUNCESTON	0	0.00	0.9953	
148	MEANDER VALLEY	0	0.00	0.9953	
149	NORTHERN MIDLANDS	0	0.00	0.9953	
150	SORELL	0	0.00	0.9953	
151	SOUTHERN MIDLANDS	0	0.00	0.9953	
152	TASMAN	0	0.00	0.9953	
153	WARATAH/WYNYARD	1 228	5.15	1.0492	
154	WEST COAST	2 388	10.01	1.1001	
155	WEST TAMAR	0	0.00	0.9953	
156	PWA -->	AVG = 239	PWA = 0.451	PWA = 1.000	
157					
158				max = 1.100	
159				min = 0.995	