

PRI =	$(Z * 570r(nA) * Y) - (531r(nA) * X)$			
	$(Z * 570r(nA) * Y) + (531r(nA) * X)$			
Where:	X = 570nm incident reading (in umol/m2/sec)			
	Y = 531 nm incident reading (in umol/m2/sec)			
	Z = Ratio Sensitivity of reflected 531 : 570			
	570r(nA) = reflected reading in nanoamps (or direct current output)			
	531r(nA) = reflected reading in nanoamps (or direct current output)			
The DataHog2 logger is set up to give values of incident readings in umols				
and reflected readings in nA already multiplied by the Z factor				
Z * 570r(nA) * Y	531r(nA) * X	$(Z * 570r(nA) * Y) - (531r(nA) * X)$	$(Z * 570r(nA) * Y) + (531r(nA) * X)$	PRI
70,1219161	18,71965592	51,40226018	88,84157202	0,578583416
56,55913219	17,66728097	38,89185122	74,22641315	0,523962422
81,49842204	10,65107149	70,84735055	92,14949352	0,768830602
66,87404171	18,53628905	48,33775266	85,41033076	0,565947377
61,59858903	21,67685201	39,92173702	83,27544104	0,479393883
91,16143546	8,711209838	82,45022562	99,87264529	0,825553638
79,51913614	10,86043037	68,65870578	90,37956651	0,759670669
72,58413602	11,62933344	60,95480258	84,21346945	0,723812983
73,18154232	14,74622491	58,43531741	87,92776723	0,664583206
90,58585536	8,051351534	82,53450383	98,63720689	0,836748185
88,63190929	8,089150155	80,54275913	96,72105944	0,832732391
86,8701567	13,60781667	73,26234003	100,4779734	0,729138313
92,43644677	7,91905091	84,51739586	100,3554977	0,842180028