DESCARTES' MODEL OF A RAINBOW

Dr Andrew French. July 2020

Light	Refractive	Primary	Primary	Secondary	Secondary
frequency	index of	bow theta	bow elev	bow theta	bow elev
/THz	water	/deg	/deg	/deg	/deg
405	1.3303	59.57	42.48	71.93	50.18
415	1.3305	59.56	42.45	71.92	50.22
425	1.3307	59.55	42.42	71.92	50.27
435	1.3308	59.54	42.39	71.91	50.32
445	1.3310	59.52	42.36	71.91	50.38
455	1.3312	59.51	42.33	71.90	50.43
465	1.3315	59.50	42.30	71.89	50.48
475	1.3317	59.49	42.27	71.89	50.54
485	1.331	******	*****	***	50.60
495		REPUBLIQU	E FRANÇ	AISE	50.66
505	1.332	086			50.72
515	1.332				50.78
525	1.332				50.84
535	1.333				50.90
545	1.333		ල ග		50.97
555	1.333		1000		51.03
565	1.333				51.10
575	1.334				51.17
585	1.334				51.24
595	1.334				51.31
605	1.334				51.39
615	1.335	4.40		4	51.46
625	1.335				51.54
635	1.335	ENE DESC	ARTES 1596	1650	51.61
645	1.336	****		LAA	51.69
655	1.3364	59.21	41.59	71.73	51.77
665	1.3367	59.20	41.54	71.72	51.85
675	1.3370	59.18	41.50	71.71	51.94
685	1.3373	59.16	41.45	71.70	52.02
695	1.3377	59.14	41.40	71.69	52.11
705	1.3380	59.12	41.36	71.68	52.19
715	1.3383	59.10	41.31	71.67	52.28
725	1.3387	59.08	41.26	71.66	52.37
735	1.3390	59.06	41.21	71.65	52.46
745	1.3394	59.04	41.16	71.64	52.56
755	1.3398	59.02	41.10	71.62	52.65
765	1.3401	59.00	41.05	71.61	52.75
775	1.3405	58.97	41.00	71.60	52.84
785	1.3409	58.95	40.94	71.59	52.94
795	1.3413	58.93	40.89	71.58	53.04









