

**Table 1**

**Path of the Antumbral Shadow of the Annular Solar Eclipse of 2012 May 10**

Universal Time	Northern Limit		Southern Limit		Central Line		Sun Alt °	Path Width km	Central Durat. s
	Latitude	Longitude	Latitude	Longitude	Latitude	Longitude			
Limits	23°30.6'S	118°55.2'E	25°26.4'S	119°32.3'E	24°28.4'S	119°13.8'E	0	222	04m10.6s
22:35	19°33.9'S	130°04.9'E	21°39.7'S	129°59.4'E	20°35.6'S	130°04.8'E	11	210	04m21.8s
22:40	16°33.5'S	137°15.9'E	18°22.4'S	137°42.0'E	17°27.4'S	137°29.8'E	20	202	04m32.2s
22:45	14°26.2'S	141°49.8'E	16°08.4'S	142°24.1'E	15°17.0'S	142°07.5'E	26	196	04m40.1s
22:50	12°41.9'S	145°19.9'E	14°19.8'S	145°57.7'E	13°30.6'S	145°39.2'E	31	192	04m47.1s
22:55	11°11.5'S	148°13.4'E	12°46.4'S	148°53.0'E	11°58.7'S	148°33.4'E	35	188	04m53.5s
23:00	09°50.8'S	150°42.6'E	11°23.4'S	151°23.1'E	10°36.9'S	151°03.1'E	39	185	04m59.5s
23:05	08°37.5'S	152°54.6'E	10°08.4'S	153°35.5'E	09°22.7'S	153°15.2'E	42	183	05m05.2s
23:10	07°30.2'S	154°53.6'E	08°59.6'S	155°34.6'E	08°14.7'S	155°14.2'E	46	180	05m10.7s
23:15	06°27.7'S	156°42.5'E	07°56.1'S	157°23.4'E	07°11.7'S	157°03.1'E	49	179	05m16.0s
23:20	05°29.5'S	158°23.5'E	06°57.0'S	159°04.0'E	06°13.1'S	158°43.9'E	52	177	05m21.1s
23:25	04°35.0'S	159°58.0'E	06°01.9'S	160°38.1'E	05°18.3'S	160°18.2'E	54	176	05m26.0s
23:30	03°43.8'S	161°27.4'E	05°10.2'S	162°06.9'E	04°26.9'S	161°47.2'E	57	174	05m30.6s
23:35	02°55.7'S	162°52.4'E	04°21.7'S	163°31.3'E	03°38.5'S	163°11.9'E	60	174	05m35.1s
23:40	02°10.2'S	164°13.9'E	03°36.1'S	164°52.1'E	02°53.0'S	164°33.1'E	62	173	05m39.3s
23:45	01°27.3'S	165°32.4'E	02°53.2'S	166°09.9'E	02°10.1'S	165°51.3'E	64	172	05m43.2s
23:50	00°46.9'S	166°48.7'E	02°12.8'S	167°25.4'E	01°29.7'S	167°07.1'E	66	172	05m46.9s
23:55	00°08.7'S	168°03.1'E	01°34.8'S	168°38.9'E	00°51.6'S	168°21.0'E	68	172	05m50.3s
00:00	00°27.3'N	169°15.9'E	00°59.0'S	169°50.8'E	00°15.7'S	169°33.4'E	70	171	05m53.4s
00:05	01°01.2'N	170°27.7'E	00°25.5'S	171°01.7'E	00°18.0'N	170°44.7'E	71	171	05m56.2s
00:10	01°33.0'N	171°38.7'E	00°05.9'N	172°11.6'E	00°49.6'N	171°55.3'E	73	172	05m58.5s
00:15	02°02.8'N	172°49.3'E	00°35.2'N	173°21.1'E	01°19.2'N	173°05.3'E	74	172	06m00.6s
00:20	02°30.7'N	173°59.7'E	01°02.5'N	174°30.4'E	01°46.7'N	174°15.1'E	74	172	06m02.2s
00:25	02°56.5'N	175°10.2'E	01°27.7'N	175°39.7'E	02°12.3'N	175°25.0'E	74	173	06m03.3s
00:30	03°20.4'N	176°21.1'E	01°51.0'N	176°49.4'E	02°35.9'N	176°35.3'E	74	173	06m04.1s
00:35	03°42.4'N	177°32.6'E	02°12.2'N	177°59.7'E	02°57.4'N	177°46.2'E	74	174	06m04.3s
00:40	04°02.3'N	178°45.1'E	02°31.4'N	179°10.8'E	03°17.0'N	178°58.0'E	73	174	06m04.1s
00:45	04°20.2'N	179°58.7'E	02°48.5'N	179°36.9'W	03°34.5'N	179°49.0'W	71	175	06m03.4s
00:50	04°36.1'N	178°46.1'W	03°03.5'N	178°23.1'W	03°50.0'N	178°34.6'W	70	175	06m02.2s
00:55	04°49.8'N	177°29.1'W	03°16.4'N	177°07.5'W	04°03.2'N	177°18.3'W	68	176	06m00.6s
01:00	05°01.3'N	176°09.9'W	03°27.0'N	175°49.8'W	04°14.3'N	175°59.9'W	66	177	05m58.4s
01:05	05°10.5'N	174°48.2'W	03°35.3'N	174°29.6'W	04°23.0'N	174°38.9'W	64	178	05m55.8s
01:10	05°17.2'N	173°23.5'W	03°41.1'N	173°06.4'W	04°29.3'N	173°14.9'W	62	179	05m52.7s
01:15	05°21.4'N	171°55.3'W	03°44.3'N	171°39.7'W	04°33.0'N	171°47.5'W	60	180	05m49.1s
01:20	05°22.9'N	170°23.0'W	03°44.7'N	170°09.0'W	04°33.9'N	170°16.0'W	57	181	05m45.1s
01:25	05°21.3'N	168°46.0'W	03°42.1'N	168°33.5'W	04°31.9'N	168°39.8'W	55	182	05m40.7s
01:30	05°16.5'N	167°03.3'W	03°36.1'N	166°52.3'W	04°26.5'N	166°57.9'W	52	183	05m35.9s
01:35	05°08.1'N	165°13.9'W	03°26.5'N	165°04.4'W	04°17.5'N	165°09.3'W	49	185	05m30.6s
01:40	04°55.6'N	163°16.4'W	03°12.6'N	163°08.3'W	04°04.3'N	163°12.5'W	46	186	05m25.0s
01:45	04°38.4'N	161°08.9'W	02°53.9'N	161°02.0'W	03°46.3'N	161°05.6'W	43	188	05m18.9s
01:50	04°15.6'N	158°48.8'W	02°29.4'N	158°43.0'W	03°22.7'N	158°46.1'W	39	191	05m12.5s
01:55	03°45.8'N	156°12.2'W	01°57.6'N	156°07.2'W	02°52.0'N	156°10.0'W	36	193	05m05.6s
02:00	03°07.2'N	153°13.0'W	01°16.5'N	153°08.2'W	02°12.1'N	153°11.0'W	31	196	04m58.2s
02:05	02°15.9'N	149°40.4'W	00°22.1'N	149°34.5'W	01°19.3'N	149°38.0'W	27	200	04m50.1s
02:10	01°04.6'N	145°11.3'W	00°54.2'S	145°00.9'W	00°05.6'N	145°07.0'W	21	206	04m40.9s
02:15	00°50.6'S	138°32.1'W	03°00.9'S	138°01.6'W	01°54.8'S	138°19.0'W	12	213	04m29.1s
Limits	04°27.3'S	126°50.7'W	06°26.1'S	127°21.2'W	05°26.6'S	127°06.1'W	0	226	04m14.3s