



وفاق العلماء

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48°-66° Degree 'Ishā' (Haraj) Calculations

	Donetsk, Ukraine	Vancouver, BC, Canada	Ashton, Cornwall, United Kingdom
Lat/Long	48.023, 37.80224	49.246292, -123.116226	50.1096,-5.35326116
Sunrise 21/06/19	04:28	05:06	05:11
Sunrise 21/12/19	08:15	08:05	08:17
Sunset 21/06/19	20:31	21:21	21:34
Sunset 21/12/19	16:37	16:16	16:21
'Ishā' (Haraj) Calculated Time	21:36	22:26	22:39
Dates of Persistent Twilight?	N/A	08June-05July	01June-12July
	Ashford, Kent, United Kingdom	Milton Keynes, United Kingdom	Arnold, United Kingdom
Lat/Long	51.146465, 0.875019	52.04172, -0.75583	53, -1.13333
Sunrise 21/06/19	04:41	04:42	04:38
Sunrise 21/12/19	07:58	08:09	08:16
Sunset 21/06/19	21:15	21:27	21:34
Sunset 21/12/19	15:51	15:53	15:49

'Ishā' (Haraj) Calculated Time	22:20	22:32	22:39
Dates of Persistent Twilight?	25May-19July	22May-23July	17May-28July
	Lancaster, United Kingdom	Londonderry, Derry, United Kingdom	Aberdeen, United Kingdom
Lat/Long	54.04649, -2.79988	55.006763, -7.318268	57.149651, - 2.099075
Sunrise 21/06/19	04:38	04:50	04:12
Sunrise 21/12/19	08:28	08:52	08:45
Sunset 21/06/19	21:48	22:12	22:08
Sunset 21/12/19	15:50	16:02	15:26
'Ishā' (Haraj) Calculated Time	22:53	23:17	23:13
Dates of Persistent Twilight?	12May-01August	09May-05August	05May-12August
	Stornoway, Isle of Lewis, United Kingdom	Stockholm, Sweden	Helsinki, Finland
Lat/Long	58.209435, -6.384869	59.334591, 18.063240	60.192059, 24.945831
Sunrise 21/06/19	04:19	03:30	03:54
Sunrise 21/12/19	09:11	08:43	09:23
Sunset 21/06/19	22:34	22:08	22:49
Sunset 21/12/19	15:35	14:48	15:12
'Ishā' (Haraj) Calculated Time	23:39	23:13	23:54
Dates of Persistent Twilight?	28April-16August	24April-19August	22April-22August
	Lillehammer, Norway	Jyväskylä, Finland	Vaasa, Finland
Lat/Long	61.11514, 10.46628	62.24147, 25.72088	63.096, 21.61577
Sunrise 21/06/19	03:40	03:22	03:24
Sunrise 21/12/19	09:31	09:43	10:11
Sunset 21/06/19	22:59	23:14	23:46
Sunset 21/12/19	15:00	14:46	14:51
'Ishā' (Haraj) Calculated Time	00:04	00:19	00:51

Dates of Persistent Twilight?	19April-23August	16April-28August	14April-30August
	Reykjavík, Iceland	Oulu, Finland	Ísafjörður, Iceland
Lat/Long	64.128288, -21.827774	65.01236, 25.46816	66.066667, -23.11666
Sunrise 21/06/19	02:55	02:18	ALWAYS SUN
Sunrise 21/12/19	11:22	10:28	12:09
Sunset 21/06/19	00:04	00:20	ALWAYS SUN
Sunset 21/12/19	15:29	14:03	14:51
'Ishā' (Haraj) Calculated Time	01:09	01:25	CONSULT LOCAL ULAMA
Dates of Persistent Twilight?	11April-02Sep	09April-05Sep	05April-08Sep