

December 2010
Winter Solstice Lunar Eclipse

Timezone	PST (-8 UTC)	MST (-7 UTC)	CST (-6 UTC)	EST (-5 UTC)	UTC	
Spacevidcast.com	Penumbral Eclipse Begins	9:29:17 PM*	10:29:17 PM*	11:29:17 PM*	12:29:17 AM	05:29:17
	Partial Eclipse Begins	10:32:37 PM*	11:32:37 PM*	12:32:37 AM	1:32:37 AM	06:32:37
	Total Eclipse Begins	11:40:47 PM*	12:40:47 AM	1:40:47 AM	2:40:47 AM	07:40:47
	Greatest Eclipse	12:16:57 AM	1:16:57 AM	2:16:57 AM	3:16:57 AM	08:16:57
	Total Eclipse Ends	12:53:08 AM	1:53:08 AM	2:53:08 AM	3:53:08 AM	8:53:08
	Partial Eclipse Ends	2:01:20 AM	3:01:20 AM	4:01:20 AM	5:01:20 AM	10:01:20
	Penumbral Eclipse Ends	3:04:31 AM	4:04:31 AM	5:04:31 AM	6:04:31 AM	11:04:31

* indicates times occurring before December 21 in their respective time zones. These times will be on December 20th.

Source: <http://eclipse.gsfc.nasa.gov/OH/OH2010.html#LE2010Dec21T>