

22 Nov 2018 12:51:15
 Satellite-CubeSat: Eclipse Times

	Start Time (EpSec)	Stop Time (EpSec)	Duration (sec)	Obstruction	St
	art Pass Number	Stop Pass Number	Current Condition	Worst Condition	
	Total Duration (sec)				
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	2472.310	2481.063	8.752	Earth	26
338	26338		Penumbra	Umbra	
	2139.827				
	2481.063	4603.293	2122.230	Earth	26
338	26339		Umbra	Umbra	
	2139.827				
	4603.293	4612.137	8.845	Earth	26
339	26339		Penumbra	Umbra	
	2139.827				
	8018.959	8027.723	8.764	Earth	26
339	26339		Penumbra	Umbra	
	2139.145				
	8027.723	10149.249	2121.526	Earth	26
339	26340		Umbra	Umbra	
	2139.145				
	10149.249	10158.105	8.856	Earth	26
340	26340		Penumbra	Umbra	
	2139.145				
	13565.628	13574.402	8.775	Earth	26
340	26340		Penumbra	Umbra	
	2138.467				
	13574.402	15695.227	2120.825	Earth	26
340	26341		Umbra	Umbra	
	2138.467				
	15695.227	15704.095	8.868	Earth	26
341	26341		Penumbra	Umbra	
	2138.467				
	19112.319	19121.105	8.786	Earth	26
341	26341		Penumbra	Umbra	
	2137.774				
	19121.105	21241.213	2120.108	Earth	26
341	26342		Umbra	Umbra	
	2137.774				
	21241.213	21250.093	8.879	Earth	26
342	26342		Penumbra	Umbra	
	2137.774				
	24659.029	24667.826	8.798	Earth	26
342	26342		Penumbra	Umbra	
	2137.081				
	24667.826	26787.219	2119.393	Earth	26
342	26343		Umbra	Umbra	
	2137.081				
	26787.219	26796.110	8.891	Earth	26

Start Time (EpSec)	Stop Time (EpSec)	Duration (sec)	Obstruction	St
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Total Duration (sec)				
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343	26343	Penumbra	Umbra	
2137.081				
30205.759	30214.568	8.809	Earth	26
343	26343	Penumbra	Umbra	
2136.385				
30214.568	32333.242	2118.673	Earth	26
343	26344	Umbra	Umbra	
2136.385				
32333.242	32342.144	8.902	Earth	26
344	26344	Penumbra	Umbra	
2136.385				
35752.509	35761.329	8.821	Earth	26
344	26344	Penumbra	Umbra	
2135.684				
35761.329	37879.279	2117.950	Earth	26
344	26345	Umbra	Umbra	
2135.684				
37879.279	37888.193	8.914	Earth	26
345	26345	Penumbra	Umbra	
2135.684				
41299.279	41308.112	8.832	Earth	26
345	26345	Penumbra	Umbra	
2134.980				
41308.112	43425.334	2117.222	Earth	26
345	26346	Umbra	Umbra	
2134.980				
43425.334	43434.260	8.926	Earth	26
346	26346	Penumbra	Umbra	
2134.980				
46846.070	46854.914	8.844	Earth	26
346	26346	Penumbra	Umbra	
2134.273				
46854.914	48971.405	2116.491	Earth	26
346	26347	Umbra	Umbra	
2134.273				
48971.405	48980.343	8.938	Earth	26
347	26347	Penumbra	Umbra	
2134.273				
52392.881	52401.737	8.856	Earth	26
347	26347	Penumbra	Umbra	
2133.562				
52401.737	54517.494	2115.757	Earth	26
347	26348	Umbra	Umbra	
2133.562				
54517.494	54526.443	8.949	Earth	26
348	26348	Penumbra	Umbra	
2133.562				
57939.712	57948.579	8.868	Earth	26
348	26348	Penumbra	Umbra	

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	Total Duration (sec)				
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	2132.848				
348	57948.579	60063.599	2115.019	Earth	26
	26349	Umbra		Umbra	
	2132.848				
349	60063.599	60072.560	8.961	Earth	26
	26349	Penumbra		Umbra	
	2132.848				
349	63486.563	63495.442	8.880	Earth	26
	26349	Penumbra		Umbra	
	2132.133				
349	63495.442	65609.722	2114.280	Earth	26
	26350	Umbra		Umbra	
	2132.133				
350	65609.722	65618.695	8.973	Earth	26
	26350	Penumbra		Umbra	
	2132.133				
350	69033.434	69042.326	8.892	Earth	26
	26350	Penumbra		Umbra	
	2131.412				
350	69042.326	71155.861	2113.535	Earth	26
	26351	Umbra		Umbra	
	2131.412				
351	71155.861	71164.846	8.985	Earth	26
	26351	Penumbra		Umbra	
	2131.412				
351	74580.325	74589.228	8.904	Earth	26
	26351	Penumbra		Umbra	
	2130.691				
351	74589.228	76702.019	2112.790	Earth	26
	26352	Umbra		Umbra	
	2130.691				
352	76702.019	76711.016	8.997	Earth	26
	26352	Penumbra		Umbra	
	2130.691				
352	80127.235	80136.151	8.916	Earth	26
	26352	Penumbra		Umbra	
	2129.966				
352	80136.151	82248.192	2112.042	Earth	26
	26353	Umbra		Umbra	
	2129.966				
353	82248.192	82257.201	9.009	Earth	26
	26353	Penumbra		Umbra	
	2129.966				
353	85674.165	85683.093	8.928	Earth	26
	26353	Penumbra		Umbra	
	725.835				
353	85683.093	86400.000	716.907	Earth	26
	26354	Umbra		Umbra	
	725.835				

Page 4

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