

Occultations Visible at Washington.

Date 1892.	Star's Name.	Magni- tude.	IMMERSION			EMERSION			Duration.
			Washing- ton M. T.	Angle f'm N pt.	Washing- ton M. T.	Angle f'm N pt.			
Apr. 1	μ Tauri.....	6	8 28	13	8 48	338	1 10	0 20	
4	ω^2 Cancr.	6	9 46	99	10 56	301	1 05	1 10	
7	i Leonis.....	6	7 51	164	8 56	260	0 11	1 05	
10	γ^1 Virginis.....	3	6 54	202	7 05	220	0 40	0 11	
10	38 Virginis.....	6	16 08	173	16 48	247	1 26	0 40	
12	Uranus.....		11 48	126	13 14	311	1 27	1 26	
15	25 Scorpii.....	6½	16 16	111	17 43	273	0 46	1 27	
29	125 Tauri.....	6	9 42	114	10 28	248		0 46	

Minima of Variable Stars of the Algol Type.

U CEPHEI.			δ LIBRÆ.			U OPHIUCHI CONT.		
R. A.	0h 52m 32s		R. A.	14h 55m 06s		Apr. 14	midn.	
Decl.	+ 81° 17'		Decl.	- 8° 05'		19	5 A. M.	
Period.	2d 11h 50m		Period.	2d 07h 51m		20	1 "	
Apr. 1	8 P. M.		Apr. 1	midn.		24	6 "	
6	8 "		8	"		25	2 "	
11	7 "		15	"		25	10 P. M.	
16	7 "		22	11 P. M.		29	7 A. M.	
21	7 "		29	11 "		30	3 P. M.	
26	6 "					30	11 "	
S ANTLIÆ.			U CORONÆ.			Y CYGNI.		
R. A.	9h 27m 30s		R. A.	15h 13m 43s		R. A.	20h 47m 40s	
Decl.	- 28° 09'		Decl.	+ 32° 03'		Decl.	+ 34° 15'	
Period.	0d 07h 47m		Period.	3d 10h 51m		Period.	1d 11h 56m	
Apr. 1	8 P. M.		Apr. 9	4 A. M.		Apr. 3	6 A. M.	
2	8 "		16	2 "		6	6 "	
3	7 "		22	midn.		9	6 "	
10	10 "		29	9 P. M.		12	6 "	
11	9 "					15	6 "	
12	9 "					18	6 "	
13	8 "					21	6 "	
14	7 "					24	5 "	
15	7 "					27	5 "	
21	10 "					30	5 "	
22	9 "							
23	9 "							
24	8 "							
25	7 P. M.							
26	7 "							
			U OPHIUCHI.					
			R. A.	17h 10m 56s				
			Decl.	+ 1° 20'				
			Period.	0d 20h 08m				
			Apr. 4	2 A. M.				
			4	11 P. M.				
			9	3 A. M.				
			9	11 P. M.				
			14	4 A. M.				

A Total Eclipse of the Sun April 26.—This will be visible as a total eclipse only in the South Pacific Ocean. Partial phase visible on the western coast of South America. The conditions of the eclipse render it of practically no scientific interest.

Two New Nebulæ. While looking for Winnecke's comet on Feb. 24 and 24 I came across two nebulæ which are not given in Dreyer's New General Catalogue. Both are very faint and can only be seen with large telescopes. Their approximate positions are:

R. A.	Decl.	
1 13h 03m 20s	+ 21° 37'.6	(1892) = IC 851
2 12 54	+ 22 26	(1892) = IC 841

In the same vicinity is the bright nebula M 64 = N. G. C. 4826, which the beginner in comet-seeking must not mistake for a comet. H. C. W.