

1965-66

TRANSIT OBSERVATIONS - #1

JOANNE FARRELL

3" REFR.  
4" REFR.

KEY:  
D-DARK  
W-BRIGHT  
C-CENTER  
P-PRECEDING END  
F-FOLLOWING END

KEY:  
elong.—Elongated  
conspic.—Conspicuous  
indef.—Indefinite  
sect.—Section

194

PLANET:

NO.	TIME	OBJECT	LOCATION	C.M. 1	C.M. 2
I	NOV 6, 1965				
1	4:07	Wc (OVAL)	SEBN ✓	✓ 120°	—
2	4:31	Dc (COND.)	SEBN ✓	✓ 134°	—
3	4:33	Dc (COND.)	NEBs ✓	✓ 135°	—
4	5:45	Dc (COND.)	NEBs ✓	✓ 179°	—
5	5:47	Wp (OVAL)	STeZN - (DE)	—	✓ 296°
6	5:55	Wc (OVAL)	STeZN - (DE)	—	✓ 300°
7	5:57	Wc (OVAL)	NTRZ	—	302°
8	5:58	Dc (COND.)	SEBs ✓	—	303°
9	5:58	Dc (COND.)	STB -	—	304°
10	5:59	Dc (PROJ.)	EZ ✓	✓ 187°	—
11	6:01	Wc (GAP)	NEBs ✓	✓ 189°	—
12	6:04	Wc (OVAL)	NEBs ✓	✓ 191°	—
13	<sup>NOV</sup> 13:09	Dc (PROJ.)	NEBs ✓	✓ 268°	—
14	<sup>NOV</sup> 3:10	Wp (NOTCH)	SEBN ✓	✓ 269°	—
15	3:17	Wp (OVAL)	EZ ✓	✓ 273°	—
16	3:20	Wc (OVAL)	EZ ✓	✓ 275°	—
17	3:25	Wc (BAY)	SEBN	✓ 278°	—
18	3:25	Dc (COND.)	STB	—	333°
19	3:27	Wc (SM. OVAL)	SEBN	✓ 285	—
20	3:39	Dp (ELONG. COND.)	NEBs ✓	✓ 286	—
21	3:40	Wc (OVAL)	STeZ -	—	✓ 342°
22	4:30	RSp	STRZ ✓	—	✓ 12°
23	4:41	Dp (COND.)	NEBs ✓	✓ 288°	—
24	4:46	RSc	STRZ ✓	—	✓ 22°
25	4:44	Wc (OVAL)	EZ ✓	✓ 289°	—
26	5:01	RSf	STRZ ✓	—	✓ 31°
27	<sup>NOV</sup> 25:2:36	Dc (FEST.)	NEBs ✓	✓ 186°	—
28	<sup>NOV</sup> 2:44	Dp (FEST.)	(NTB) -	—	162°
29	2:46	Dc (COND.)	SEBs ✓	—	164°
30	2:46	Wc (OVAL)	(NTRZ) -	—	164°
31	2:48	Wc (OVAL)	(NTZ) -	—	171°
32	2:50	Wc (NOTCH)	SEBN ✓	✓ 195°	—
33	2:58	Wc (OVAL)	(NTeZ) -	—	171°
34	2:59	Wc (NODULE)	STeZ - (BC)	—	171°
35	3:00	Dc (ELONG. COND.)	(NNTB) -	—	172°

1965-66

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TRANSIT OBSERVATIONS #2  
JOANNE FARRELL

KEY:  
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KEY:  
elong.—Elongated  
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indef.—Indefinite  
sect.—Section

PLANET:

NO.	TIME	OBJECT	LOCATION	C.M. 1	C.M. 2
36	NOV 25 3:01	Dc (COND.)	NTB	—	173°
37	196 3:59	Dc (FEST.)	NEBs ✓	✓ 237°	—
38	4:02	Wc (OVAL)	EZ ✓	✓ 238°	—
39	4:06	Dc (HUMP)	NEBN	—	212°
40	4:07	Dc (COND.)	SEBs ✓	—	213°
41	4:08	Wc (OVAL)	STeZ	—	213°
42	4:09	Dc (COND.)	NEBN	—	213°
43	4:12	Wf (NOTCH)	S-SEBN ✓	—	219°
44	4:19	Dp (FEST.)	SEBs ✓	—	219°
45	4:19	Wc (OVAL)	STeZ	—	220°
46	4:21	Dc (COND.)	NEBs ✓	✓ 250°	—
47	4:24	Dc E (COND.)	SEBs ✓	—	221°
48	4:24	Wc oval	STeZ	—	223°
49	4:26	Dc (COND.)	NEBN	██	224°
50	4:30	Wp (OVAL)	NEBN	██	226°

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1965-66 *Joanne Farrell*  
#3

TRANSIT OBSERVATIONS

KEY:  
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1965-November PLANET: *Jupiter*

NO.	TIME	OBJECT	LOCATION	C.M. 1	C.M. 2
51	NOV-28-65 2 <sup>25</sup>	Wc oval	NEBS ✓	✓ 294°	—
52	2 <sup>25</sup>	Wp oval	(NEBN) ✓	—	✓ 242°
53	2 <sup>26</sup>	Wp oval	NEBS ✓	✓ 294°	—
54	2 <sup>26</sup>	Dp cond	NEBS ✓	✓ 295°	—
55	2 <sup>39</sup>	Dp cond	NEBS ✓	✓ 302°	—
56	2 <sup>44</sup>	Dc E. cond	NEBS ✓	✓ 305°	—
57	3 <sup>15</sup>	Wc oval	(NEBN) ✓	—	✓ 272°
58	3 <sup>21</sup>	Wc oval	EZ ✓	✓ 328°	—
59	3 <sup>22</sup>	Dp cond	NEBS ✓	✓ 329°	—
60	3 <sup>22</sup>	Wc oval	STEZ ✓	—	✓ 277°
61	3 <sup>26</sup>	Wc oval	(NNTZ) ✓	—	✓ 279°
62	3 <sup>28</sup>	Dc cond	SEBS ✓	—	✓ 281°
63	3 <sup>31</sup>	Wc oval	STRZ ✓	—	✓ 282°
64	3 <sup>31</sup>	Dp cond	(NEBN) ✓	—	✓ 282°
65	3 <sup>37</sup>	Dp cond	(NEBN) ✓	—	✓ 286°
66	3 <sup>42</sup>	Wc oval	(NTEZ) ✓	—	✓ 289°
67	3 <sup>44</sup>	Wp oval	(NEBN) ✓	—	✓ 290°
68	3 <sup>46</sup>	Wc notch	SEBN ✓	✓ 342°	—
69	3 <sup>50</sup>	Wc oval	STEZ ✓	—	✓ 293°
70	3 <sup>52</sup>	Wc oval	(NEBN) ✓	—	✓ 295°
71	3 <sup>52</sup>	Dc proj)	SEBS ✓	—	✓ 296°
72	3 <sup>53</sup>	Wc W. AREA	STRZ ✓	—	✓ 296°
73	3 <sup>57</sup>	Dc cond	SEBS ✓	—	✓ 298°
74	3 <sup>59</sup>	Wf oval	(NEBN) ✓	—	✓ 299°
75	4 <sup>01</sup>	Dc cond	(NNTB) ✓	—	✓ 300°
76	4 <sup>10</sup>	Dc cond	SEBS ✓	—	✓ 304°
77	4 <sup>11</sup>	Dp cond	(NEBN) ✓	—	✓ 305°
78	4 <sup>14</sup>	Wp oval	NEBS ✓	✓ 0°	—
79	4 <sup>16</sup>	Dc cond	NEBS ✓	✓ 2°	—
80	4 <sup>20</sup>	Wc oval	STRZ ✓	—	✓ 310°
81	4 <sup>28</sup>	Wp oval	STEZ (D,E) ✓	—	✓ 315°
82	4 <sup>33</sup>	Wc oval	(NEBN) ✓	—	✓ 318°
83	4 <sup>41</sup>	Wc oval	STEZ (D,E) ✓	—	✓ 323°
84	4 <sup>41</sup>	Dc cond	NEBS ✓	✓ 17°	—
85	4 <sup>46</sup>	Dp cond	NEBS ✓	✓ 28°	—
86	4 <sup>48</sup>	Wf oval	STEZ (D,E) ✓	—	✓ 326°

1965-66

James Farrell

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## TRANSIT OBSERVATIONS #4

KEY:

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PLANET: Jupiter

NO.	TIME	OBJECT	LOCATION	C.M. 1	C.M. 2
87	4 <sup>h</sup> 47 <sup>m</sup> 11-18-65	WC OVAL	SEBN ✓	✓ 210	—
88	5 <sup>h</sup> 48	Wf OVAL	NEBS ✓	✓ 530	—
89	5 <sup>h</sup> 43	WC OVAL	EZ ✓	✓ 550	—
90	5 <sup>h</sup> 45	Dc El. COND	SEBS ✓	—	50
91	5 <sup>h</sup> 51	WC OVAL	EZ ✓	✓ 600	—
92	5 <sup>h</sup> 51	Dc COND	NEBS ✓	✓ 600	—
93	5 <sup>h</sup> 57	Wc AREA	<del>W AREA</del> STRZ ✓	—	✓ 100
94	6 <sup>h</sup> 03	RS p	STRZ ✓	—	✓ 140
95	6 <sup>h</sup> 23	RS c	STRZ ✓	—	✓ 250
96	6 <sup>h</sup> 31	Wc OVAL	EZ ✓	✓ 840	—
97	DEC-1-65 1 <sup>h</sup> 55	Wc OVAL	STEZ (DE)	—	✓ 3150
98	2 <sup>h</sup> 09	Dc COND	(NNTB) —	—	✓ 3240
99	2 <sup>h</sup> 09	Wf OVAL	STEZ (DE)	—	✓ 3240
100	2 <sup>h</sup> 13	Wc OVAL	(NTEZ) —	—	✓ 3260
101	2 <sup>h</sup> 15	Dc COND	STB —	—	✓ 3270
102	2 <sup>h</sup> 17	D. E (COND)	SEBS ✓	—	✓ 3290
103	2 <sup>h</sup> 21	Wc AREA	SEBZ ✓	—	✓ 3310
104	2 <sup>h</sup> 27	Dc festoon	SEBN ✓	✓ 490	—
105	2 <sup>h</sup> 27	Dc E. COND	NEBS ✓	✓ 490	—
106	2 <sup>h</sup> 28	Wc (OVAL)	SEBS ✓	—	✓ 3350
107	2 <sup>h</sup> 30	Wc OVAL	SEBN ✓	✓ 510	—
108	2 <sup>h</sup> 31	Wc OVAL	STRZ ✓	—	✓ 3370
109	2 <sup>h</sup> 32	Dc COND	NEBS ✓	✓ 520	—
110	2 <sup>h</sup> 37	Wc AREA	STRZ ✓	—	✓ 3410
111	2 <sup>h</sup> 41	Wc OVAL	SEBS ✓	—	✓ 3430
112	2 <sup>h</sup> 44	Dc COND	NEBS ✓	✓ 590	—
113	2 <sup>h</sup> 49	Dc COND	(NNTB) —	—	✓ 3480
114	3 <sup>h</sup> 00	Dc COND	SEBS ✓	—	✓ 3540
115	3 <sup>h</sup> 05	Wc OVAL	STRZ ✓	—	✓ 3570
116	3 <sup>h</sup> 08	Dc COND	SEBN ✓	✓ 740	—
117	3 <sup>h</sup> 11	Wc OVAL	(NTEZ) —	—	✓ 10
118	3 <sup>h</sup> 15	Wc OVAL	STRZ ✓	—	✓ 40
119	3 <sup>h</sup> 15	Dc COND	SEBS ✓	—	✓ 40
120	DEC-2-65	Wc OVAL	SEBN ✓	✓ 2630	—
121	3 <sup>h</sup> 59	Dc COND	SEBS ✓	—	✓ 1810
122	4 <sup>h</sup> 07	Dc COND	SEBN ✓	✓ 2680	—

12/27 I=108.4  
II=196.2 1965-66

Johanne Saville

## TRANSIT OBSERVATIONS - #5

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December 1965

PLANET: Jupiter

NO.	TIME	OBJECT	LOCATION	C.M. 1	C.M. 2
123	4 <sup>h</sup> 08 <sup>m</sup>	Wc oval	N N T E Z -	-	186°
124	4 <sup>h</sup> 09	Dc cond	(N T B) -	-	187°
125	4 <sup>h</sup> 11	Dc cond	S E B N ✓	✓ 271°	-
126	4 <sup>h</sup> 15	Wc oval	N E B S ✓	✓ 273°	-
127	4 <sup>h</sup> 18	Wc oval	S T E Z - (BC)	-	192°
128	4 <sup>h</sup> 23	Wc oval	E Z S ✓	✓ 278°	-
129	4 <sup>h</sup> 43	Wc oval	N E B S ✓	✓ 290°	-
130	4 <sup>h</sup> 46	Wc oval	S T R Z ✓	-	209°
131	4 <sup>h</sup> 48	Dp cond	N E B S ✓	✓ 293°	-
132	4 <sup>h</sup> 51	Dc cond	(N T E Z) -	-	212°
133	4 <sup>h</sup> 53	Dc cond	S E B S ✓	-	213°
134	4 <sup>h</sup> 55	Dc cond	S E B N ✓	✓ 297°	-
135	4 <sup>h</sup> 57	Dc cond	N E B S ✓	✓ 299°	-
136	4 <sup>h</sup> 58	Wp oval	E Z S ✓	✓ 299°	-
137	5 <sup>h</sup> 00	Dc cond	(N N T B) -	-	217°
138	5 <sup>h</sup> 00	Wc oval	S E B N ✓	✓ 300°	-
139	5 <sup>h</sup> 01	Wc oval	S T R Z ✓	-	218°
140	DEC-3 <sup>h</sup> 65	3 <sup>h</sup> 31 Wc oval	S T E Z - (DE)	-	314°
141	3 <sup>h</sup> 36	Wc oval	S E B Z ✓	-	317°
142	3 <sup>h</sup> 37	Wc oval	(N E B N) -	-	318°
143	3 <sup>h</sup> 38	Wc oval	S E B N ✓	✓ 49°	-
144	3 <sup>h</sup> 39	Dc cond	(N N T B) -	-	319°
145	3 <sup>h</sup> 42	DARK SECTION (c)	(N T B) -	-	321°
146	3 <sup>h</sup> 43	Wc oval	E Z S ✓	✓ 52°	-
147	3 <sup>h</sup> 47	Dc prog	N E B S ✓	✓ 54°	-
148	3 <sup>h</sup> 47	Wp oval	S T E Z -	-	323°
149	3 <sup>h</sup> 49	Wc oval	(N T E Z) -	-	325°
150	3 <sup>h</sup> 50	Wc oval	S T R Z ✓	-	325°
151	3 <sup>h</sup> 52	Wc oval	N E B S ✓	✓ 56°	-
152	3 <sup>h</sup> 55	Dc cond	N E B S ✓	✓ 58°	-
153	DEC-27-65	3 <sup>h</sup> 26 Wc oval	S T R Z	-	-
154	3 <sup>h</sup> 27	Wc oval	(E Z S)	-	-
155	3 <sup>h</sup> 29	Dc cond	S T B	-	-
156	3 <sup>h</sup> 30	Wp oval	E Z S	-	-
157	3 <sup>h</sup> 30	Dc cond	N E B S	-	-
158	3 <sup>h</sup> 32	Wc oval	N N N T B	-	-

# TRANSIT OBSERVATIONS

1965-66 *Janna Savell*  
#6

KEY:  
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KEY:  
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PLANET: *Jupiter*

NO.	TIME	OBJECT	LOCATION	C.M. 1	C.M. 2
159	3 <sup>33</sup> 14	Wc oval	SEBZ		
160	3 <sup>35</sup>	Dc cond	STB		
161	3 <sup>35</sup>	Dc cond	NNNTB		
162	3 <sup>36</sup>	Wp oval	EZs		
163	3 <sup>36</sup>	Dc cond	NEBN		
164	3 <sup>37</sup>	Wc oval	NNTB		
165	3 <sup>38</sup>	Dc proj	NEBS		
166	3 <sup>40</sup>	Wc oval	SEBZ		
167	3 <sup>40</sup>	Wc oval	NTEZ		
168	3 <sup>48</sup>	Wc oval	STEZ		
169	3 <sup>49</sup>	Wc oval	NTRZ		
170	3 <sup>50</sup>	Wp oval	STEZ		
171	3 <sup>51</sup>	Dc cond	STB		
172	3 <sup>53</sup>	Dc cond	NNNTB		
173	3 <sup>53</sup>	Dc cond	SEBN		
174	3 <sup>54</sup>	Dc cond	STRZ		
175	3 <sup>57</sup>	Dc cond	NEBS		
176	JAN 5-66 0 <sup>30</sup>	Wp oval	EZN ✓	✓ 109°	—
177	0 <sup>34</sup>	Dp cond	NEBS ✓	✓ 110°	—
178	0 <sup>35</sup>	Wc oval	STRZ —	—	1310
179	0 <sup>37</sup>	Wc oval	(NTRZ) —	—	1310
180	0 <sup>39</sup>	Dc cond	SEBN ✓	✓ 114°	—
181	0 <sup>39</sup>	Dp cond	(NNTB) —	—	1320
182	0 <sup>42</sup>	Wc oval	SEBZ —	—	1340
183	1 <sup>44</sup>	Wp oval	NEBS ✓	✓ 154°	—
184	1 <sup>46</sup>	Dc cond	SEBS —	—	1740
185	2 <sup>55</sup>	Dc cond	NEBS ✓	✓ 197°	—
186	3 <sup>01</sup>	Dc cond	STB —	—	221°
187	3 <sup>04</sup>	Moon II	STEZ —	—	221°
188	3 <sup>05</sup>	Wc oval	(NNTB) —	—	221°
189	3 <sup>06</sup>	Dc cond	SEBS —	—	221°
190	3 <sup>08</sup>	Dc cond	(NNTB) —	—	222°
191	3 <sup>09</sup>	Wp oval	EZN ✓	✓ 204°	—
192	3 <sup>13</sup>	Wp (RIFT)	(NEBN) —	—	226°
193	3 <sup>13</sup>	Wc oval	STEZ —	—	226°
194	3 <sup>14</sup>	Dc cond	(NEBN) —	—	226°