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Project PHaEDRA - Henrietta Swan Leavitt #21

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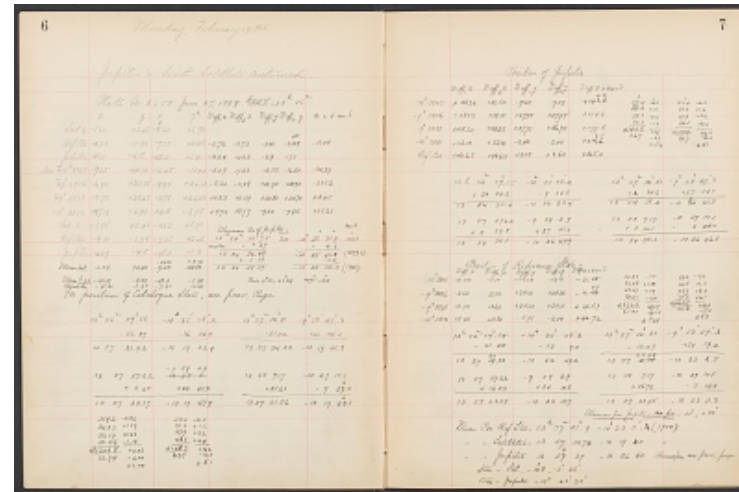
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[[preprinted]] 6 [[/preprinted]]
 Monday, February 19, 1906
 Jupiter's Sixth Satellite continyed
 Plate A 3658 June 27, 1899 G.M.T. = 15^h 15^m
 | x | y | x | y | Diff 1 x | Diff 2 x | Diff 1 y | Diff 2 y | x X 4 sec delta
 Sat. 6 | -1.60 | +2.45 | - [[/strickethrough]] 5 [[/strickethrough]] 4.60 | +5.70 |
 | | | |
 Ref. star | -4.30 | -0.95 | -7.35 | +2.25 | -2.72 | -3.40 | -3.
 [[/strickethrough]] 35 [[/strickethrough]] 45 | -11.04
 DM [[/strickethrough]] + [[/strickethrough]] -10° 3805 | -9.65 | -14.10 | -12.45
 | -10.90 | -8.07 | -7.83 | -16.55 | -16.60 | -32.37
 [[/strickethrough]] + [[/strickethrough]] -9° 3836 | -6.90 | +23.35 | -9.90 |
 +26.60 | -5.32 | -5.28 | +20.90 | +20.90 | -21.52
 [[/strickethrough]] + [[/strickethrough]] -9° 3838 | -0.75 | +23.25 | -3.75 |
 +26.40 | +0.83 | +0.87 | +20.80 | +20.70 | +3.45
 -10° 3810 | +7.15 | -6.90 | +4.15 | -3.75 | +8.73 | +8.77 | -9.35 | -9.45 |
 +35.61
 Sat. 6 | -1.55 | +2.45 | -4.65 | +5.70
 Ref. star | -4.30 | -0.95 | -7.35 | +2.25
 Jupiter | -4.49 | -4.5 | -48.0 | -1.3
 Mean Sat. | -1.58 | +2.45 | [[/strickethrough]] -7.35 [[/strickethrough]] -4.62 |
 [[/strickethrough]] 12.25 [[/strickethrough]] +5.70
 Mean Jupiter | -44.95 | -4.50 | -48.0 | -1.35
 Mean star | -4.30 | -0.95 | -7.35 | +2.25
 For positions of Catalogue Star, see prev. page



Almanac Pos. of Jupiter

[[formula]]
 [[formula]]
 Prec. 0.5^m = +1.59^s -8.8"

[[formula]] [[formula]] [[formula]] [[formula]]
 [[formula]] [[formula]] [[formula]] [[formula]]
 [[formula]] [[formula]]
 [[end page]]

[[new page]]
 [[preprinted]] 7 [[/preprinted]]
 Position of Jupiter
 | x | y | x | y | Diff 1 x | Diff 2 x | Diff 1 y | Diff 2 y | x X 4 sec delta
 -10° 3805 | +35.30 | +35.55 | -9.60 | -9.55 | +14. [[/strickethrough]] 3.8
 [[/strickethrough]] 4.2
 -9° 3836 | +38.05 | +38.10 | +27.85 | +27.95 | +154.6
 -9° 3838 | +44.20 | +44.25 | +27.75 | +2 | [[/strickethrough]] 6
 [[/strickethrough]] 7.75 | +179.5
 -10° 3810 | +52.10 | +52.15 | -2.40 | -2.40 | +21 [[/strickethrough]] 1.6
 [[/strickethrough]] 2.1
 Ref. star | +40.65 | +40.65 | +3.55 | +3.60 | +165.0
 [[formula]]

[[formula]] [[formula]]
 [[formula]] [[formula]]

Position of Reference Star
 | Diff 1 x | Diff 2 x | Diff 1 y | Diff 2 y | x X 4 sec delta
 -10° 3805 | -5.35 | -5.10 | -13.15 | -13.15 | -21.25
 -9° 3836 | -2.60 | -2.55 | +24.30 | +24.35 | -10. [[/strickethrough]] 50
 [[/strickethrough]] 47
 -9° 3838 | -13.55 | -13.60 | +24.20 | +24.15 | +14.53 [[formula]]

-10° 3810 | +11.45 | +11.50 | -5.95 | -6.00 | +46.72

$\frac{[\text{formula}]}{[\text{formula}]}$ $\frac{[\text{formula}]}{[\text{formula}]}$
Almanac pos. for Jupiter - obs. pos. = +1^s,
+50"

Mean Pos. of ref. star = 13^h 57^m 21.9^s -10° 23' 5" (1900)
" " [[ditto for Mean pos.]] Satellite 13 57 32.7 ~~4~~
~~-10 19 40~~
" " [[ditto for Mean pos.]] Jupiter 13 5 ~~7~~ ~~7~~
4 37 -10 26 40 Almanac pos., see prev. page
Star-Sat. -10.8^s, -3' 25"
Star-Jupiter -15^s +3' 35"

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