

HAT-P-7 data set 1.4.2008

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AIP4Win Multiple-Image Photometry Tool

Differential Photometry Report

AIP4Win Licensed to: Veli-Pekka Hentunen

AIP4Win v.2.2.0

Folder containing files: D:\Kassiopeia\Havainnot\year_2008\month_3\day_31-01\hat-p-7

Filename of first image: hat-p-7-001_C_60s_b1.fit

Number of files selected: 65

Star aperture radius: 14

Sky annulus inner radius: 20

Sky annulus outer radius: 24

Star aperture pixels: 611

Sky annulus pixels: 331

Default integration time: 60.0

Zero point: 25.0

Gain [e/ADU]: 2.66

Readout noise [e rms]: 10.0

Dark current [e/sec/pix]: 1.0

Time of observation:

Date, time, exposure from FITS header

First Image Date: 2008-04-01

First Image Time: 00:23:22

First Exposure Time: 60 seconds

Filter:

Clear

Clear

Clock time zone: 0 hours

Offset (true-clock): 0 seconds

Heliocentric correction: 0 seconds

Julian Day (midexposure): ImageTime + (Exposure / 2)

First Mid-exposure Date: 2008-04-01

First Mid-exposure Time: 00:23:52.000

Stars selected in the first image

Star_X Star_Y Integr Max_PV

Sky_ADU Star_ADU Mag ±Sigma

Var 791.848 534.031 60.000 11887.37 52.5372

841917. 14.632 0.0008

C1 932.863 403.019 60.000 16610.76 54.5187

1109080. 14.333 0.0007

C2 419.724 535.241 60.000 2349.08 46.6129

174949.2 16.338 0.0022

C3 258.501 551.381 60.000 1232.751 44.7943

94873.9 17.003 0.0035

C4 1235.062 462.464 60.000 4440.37 47.4597

309574. 15.718 0.0015

Ens

1688477. 13.877 0.0006

Seq_# YYYY-MM-DD HH:MM:SS.sss Julian_Day Integr Filt

00052 2008-04-01 01:29:14.000 2454557.56197 60.00 Clea 0.297
0.001 1.998 0.003 0.756 0.001 85.4961 hat-p-7-052_C_60s_b1.fit
00053 2008-04-01 01:30:31.000 2454557.56286 60.00 Clea 0.287
0.001 1.999 0.003 0.746 0.001 90.4945 hat-p-7-053_C_60s_b1.fit
00054 2008-04-01 01:31:48.000 2454557.56375 60.00 Clea 0.298
0.001 2.000 0.002 0.758 0.001 86.2571 hat-p-7-054_C_60s_b1.fit
00055 2008-04-01 01:33:04.000 2454557.56463 60.00 Clea 0.302
0.001 2.003 0.003 0.760 0.001 100.1933 hat-p-7-055_C_60s_b1.fit
00056 2008-04-01 01:34:21.000 2454557.56552 60.00 Clea 0.300
0.001 2.001 0.003 0.759 0.001 98.8368 hat-p-7-056_C_60s_b1.fit
00057 2008-04-01 01:35:38.000 2454557.56641 60.00 Clea 0.302
0.001 2.001 0.003 0.760 0.001 116.1542 hat-p-7-057_C_60s_b1.fit
00058 2008-04-01 01:36:55.000 2454557.56730 60.00 Clea 0.296
0.001 2.003 0.004 0.753 0.001 126.9602 hat-p-7-058_C_60s_b1.fit
00059 2008-04-01 01:38:12.000 2454557.56819 60.00 Clea 0.297
0.001 2.000 0.003 0.755 0.001 127.5064 hat-p-7-059_C_60s_b1.fit
00060 2008-04-01 01:39:29.000 2454557.56909 60.00 Clea 0.300
0.001 2.002 0.003 0.759 0.001 136.8495 hat-p-7-060_C_60s_b1.fit
00061 2008-04-01 01:40:46.000 2454557.56998 60.00 Clea 0.300
0.001 2.005 0.003 0.758 0.001 143.2451 hat-p-7-061_C_60s_b1.fit
00062 2008-04-01 01:42:03.000 2454557.57087 60.00 Clea 0.301
0.001 2.005 0.004 0.758 0.001 161.3185 hat-p-7-062_C_60s_b1.fit
00063 2008-04-01 01:43:20.000 2454557.57176 60.00 Clea 0.298
0.001 1.994 0.003 0.757 0.001 159.6892 hat-p-7-063_C_60s_b1.fit
00064 2008-04-01 01:44:36.000 2454557.57264 60.00 Clea 0.301
0.001 2.007 0.003 0.758 0.001 169.9747 hat-p-7-064_C_60s_b1.fit
00065 2008-04-01 01:45:53.000 2454557.57353 60.00 Clea 0.299
0.002 1.999 0.004 0.758 0.002 206.604 hat-p-7-065_C_60s_b1.fit

About the Author

Source: <http://english.taurushill.net>