

# Telescope Status

StarDICE pre-survey workshop

LPNHE, 11 Decembre 2024



Marc Betoule

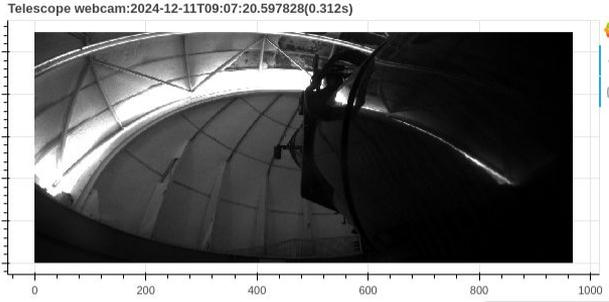
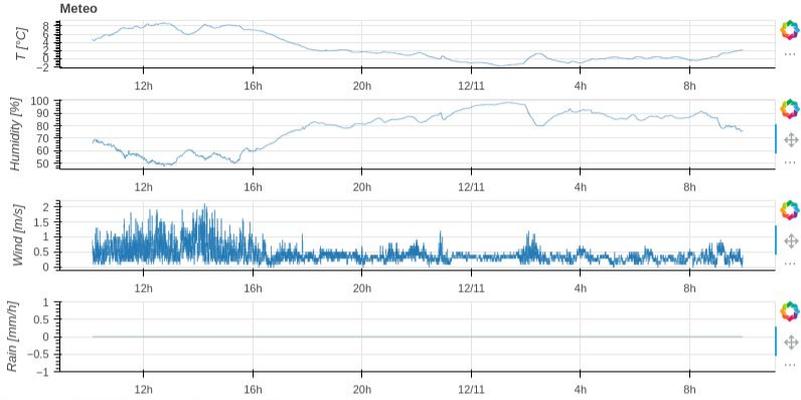


# Live Demo

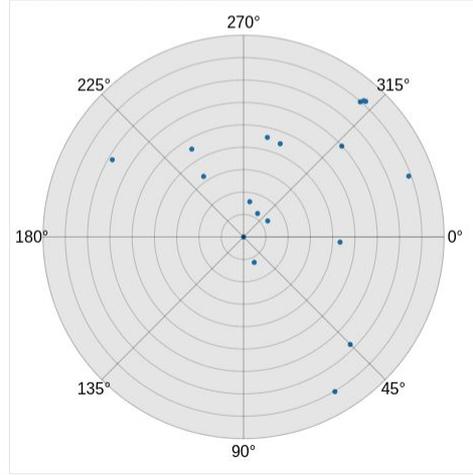
StarDICE Online x StarDICE Monitoring x Bokeh Application x +

localhost:5006/monitoring

Debian.org Latest News Help



Telescope status: Disconnected



- Connected
- Request control
- Open slit
- Upload program
- Observation Active
- Increase Focus offset
- Decrease Focus offset
- Park

DEBUG INFO ERROR CRITICAL

```
WebSocket connection opened
ServerConnection created
ServerConnection created
ServerConnection created
ServerConnection created
101 GET /visibility/ws (:::1) 0.68ms
WebSocket connection opened
WebSocket connection opened
ServerConnection created
ServerConnection created
```

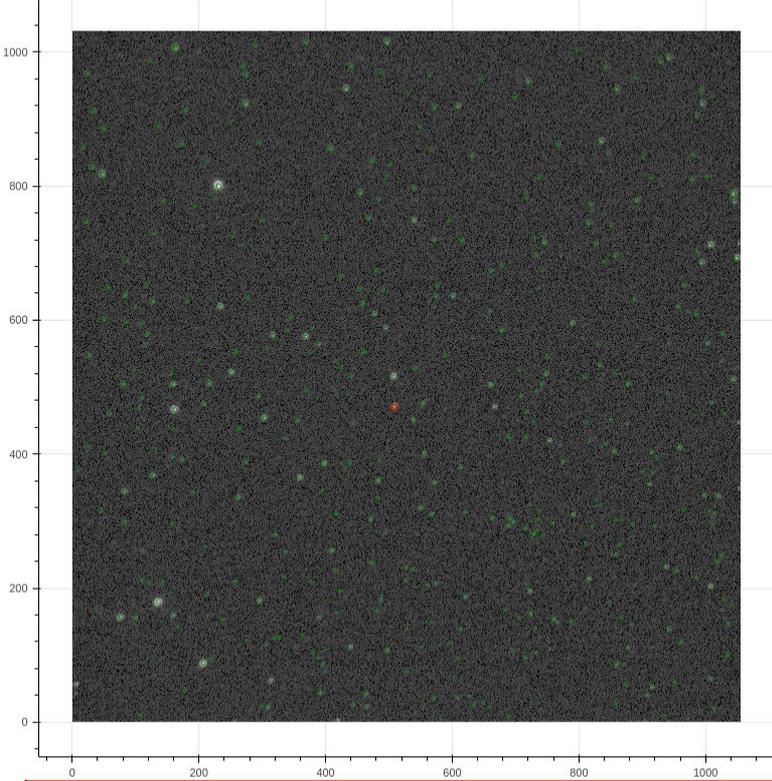
### Observation program

Target: Time (UTC):

Target  Time (UTC)

# Live Demo

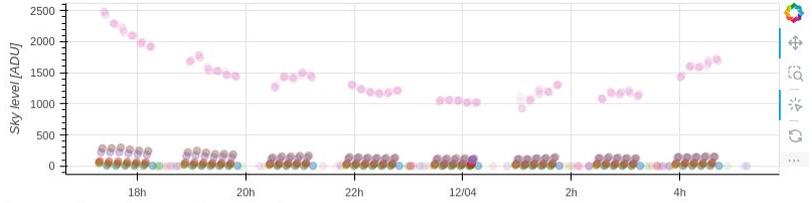
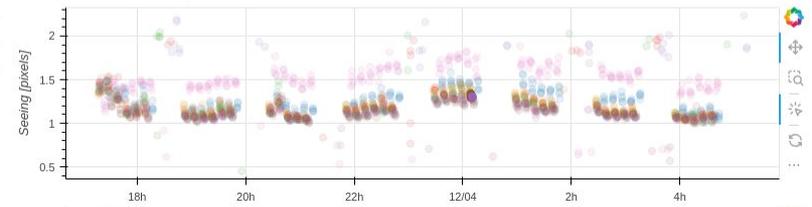
/home/betoule/ohp\_archive/2024\_12\_03/IMG\_0098173.fits g G191B2B



#	Night	#images	#catalogs	#astrom
0	00_test	266	0	0
1	2022-12-06	18	0	0
2	2024_05_24	61	63	0
3	2024_07_10	314	135	0

Exprnum  
98173

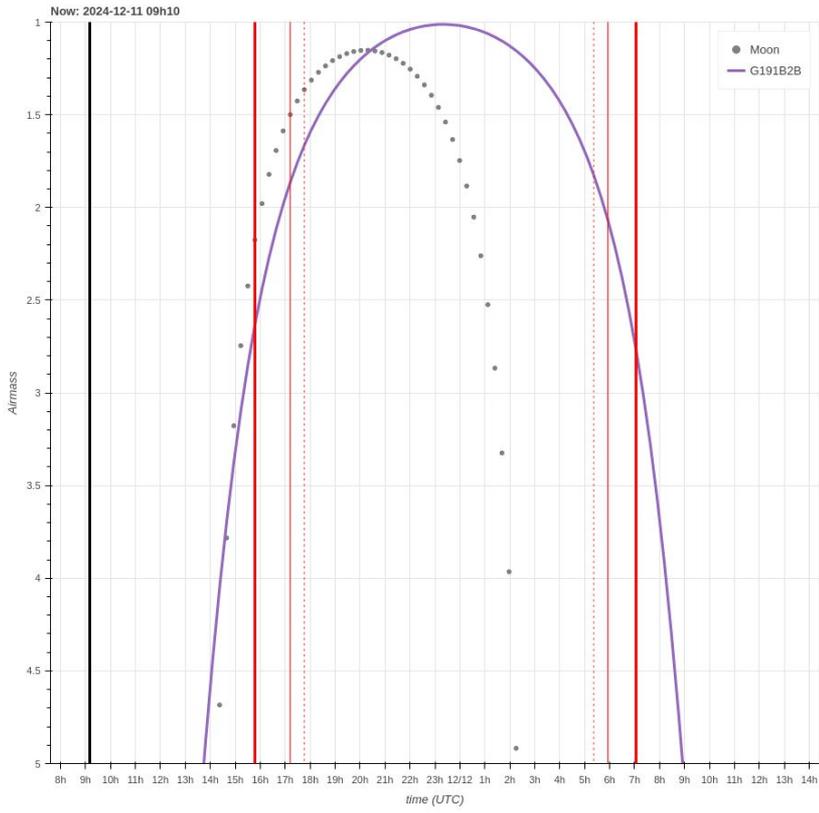
Next Prev Last



DEBUG INFO ERROR CRITICAL

```
Select image 98496
Mount WCS not available in image 98496
Select image
Select image 98430
Mount WCS not available in image 98430
Select image
Select image 98406
Mount WCS not available in image 98406
Select image
Select image 98173
```

# Live Demo



#	Name	mV	Transit	t(transit)	alt(transit)	az(transit)	Non SIMBAD
3	1743045	13.52	14h	19h47	52.13	317.94	2MASS J1743045-135213
4	1757132	12.01	1.24	15h47	53.47	327.97	2MASS J1757132-120124
5	1802271	11.98	1.22	15h47	54.94	317.37	2MASS J1802271-119822
6	1805292	12.28	1.22	15h47	54.80	323.90	2MASS J1805292-122822
7	1808347	11.69	1.24	15h47	53.87	332.33	2MASS J1808347-116924
8	1812095	11.74	1.21	15h47	55.70	322.46	2MASS J1812095-117421
9	1812524	12.27	1.20	15h47	56.28	316.37	2MASS J1812524-122720
10	ALPHA LYR	0.03	-189.09	03h23	-0.30	28.92	ALPHA LYR
11	BD+02 3375	9.93	-72.33	05h38	-0.79	85.90	BD+02 3375
12	BD+17 4708	9.47	-106.42	23h42	-0.54	296.31	BD+17 4708
13	BD+21 0607	9.22	-32.73	06h12	-1.75	304.00	BD+21 0607
14	BD+25 4655	9.69	-50.86	00h16	-1.13	309.78	BD+25 4655
15	BD+26 2606	9.73	-260.47	16h55	-0.22	307.13	BD+26 2606
16	BD+28 4211	10.51	-158.68	00h16	-0.36	312.76	BD+28 4211
17	BD+29 2091	10.22	-101.92	20h52	-0.56	48.16	BD+29 2091
18	BD+33 2642	10.83	-71.42	01h24	-0.80	39.89	BD+33 2642
19	BD+54 1216	9.71	1.02	02h32	79.92	0.99	BD+54 1216
20	BD+60 1753	9.65	1.30	15h47	50.33	316.87	BD+60 1753
21	BD+75 325	9.55	1.17	02h32	59.03	359.21	BD+75 325
22	ETA UMA	1.85	1.03	05h46	76.42	60.83	ETA UMA
23	FEIGE110	11.83	-28.70	23h25	-2.00	264.94	FEIGE110
24	FEIGE34	11.14	-467.34	18h36	-0.12	18.47	FEIGE34
25	FEIGE66	10.51	-29.96	22h51	-1.91	51.85	FEIGE66
26	FEIGE67	11.82	-120.38	23h42	-0.48	64.98	FEIGE67
27	G191B2B	11.78	1.01	23h25	81.02	354.75	G191B2B
28	G93-48	12.74	-205.64	22h17	-0.28	273.75	G93-48
29	GD108	13.56	-32.40	22h34	-1.77	98.97	GD108
30	GD153	13.35	-26.59	23h25	-2.16	56.33	GD153
31	GD71	13.03	-40.01	16h55	-1.43	66.14	GD71
32	GJ754-1A	12.29	-59.53	19h10	-0.96	260.33	GJ754-1A
33	GRW+70 5824	12.77	1.13	06h46	62.57	11.74	GRW+70 5824
34	HD009051	8.92	-22.78	00h16	-2.52	238.15	HD009051
35	HD031128	9.14	-39.70	18h53	-1.44	127.36	HD031128
36	HD074000	9.66	-2203.16	22h00	-0.03	113.10	HD074000
37	HD106252	7.36	-54.23	23h42	-1.06	75.13	HD106252

# stardiceonline

- pip install stardiceonline
- Vers la release v1
  - Authentification réelle des shifters avec redirection des alertes sur leur portable
  - Débugage de l'édition des programmes d'observation
  - Intégration de la nouvelle solution astrometrique (plus de dépendance à astrometry.net)
  - Résolution d'un bug critique de communication avec l'étoile artificielle

