

FORCAST Short Science Targets

| <u>targetname</u> | <u>targetra</u> | <u>targetdec</u> | <u>instcfg</u> | <u>spectral</u> | <u>t_exp (secs)</u> |
|-------------------------|-----------------|------------------|----------------|-----------------|---------------------|
| Orion (BN/KL/Trap/NeyA) | N/A | N/A | IMG_SWC | 6.6 micron | 150 |
| Orion (BN/KL/Trap/NeyA) | N/A | N/A | IMG_DUAL2 | 6.6 micron | 150 |
| Orion (BN/KL/Trap/NeyA) | N/A | N/A | IMG_SWC | 7.7 micron | 150 |
| Orion (BN/KL/Trap/NeyA) | N/A | N/A | IMG_DUAL2 | 7.7 micron | 150 |
| Orion (BN/KL/Trap/NeyA) | N/A | N/A | IMG_DUAL2 | 19.7 micron | 750 |
| Orion (BN/KL/Trap/NeyA) | N/A | N/A | IMG_DUAL2 | 31.4 micron | 600 |
| Orion (BN/KL/Trap/NeyA) | N/A | N/A | IMG_LWC | 37.1 micron | 150 |
| Orion (BN/KL/Trap/NeyA) | N/A | N/A | IMG_DUAL2 | 37.1 micron | 450 |
| Orion (Bar) | N/A | N/A | IMG_SWC | 6.3 micron | 300 |
| Orion (Bar) | N/A | N/A | IMG_SWC | 6.6 micron | 300 |
| Orion (Bar) | N/A | N/A | IMG_DUAL2 | 6.6 micron | 150 |
| Orion (Bar) | N/A | N/A | IMG_SWC | 7.7 micron | 150 |
| Orion (Bar) | N/A | N/A | IMG_DUAL2 | 7.7 micron | 150 |
| Orion (Bar) | N/A | N/A | IMG_SWC | 11.1 micron | 150 |
| Orion (Bar) | N/A | N/A | IMG_DUAL2 | 11.3 micron | 450 |
| Orion (Bar) | N/A | N/A | IMG_DUAL2 | 19.7 micron | 300 |
| Orion (Bar) | N/A | N/A | IMG_DUAL2 | 31.4 micron | 150 |
| Orion (Bar) | N/A | N/A | IMG_LWC | 37.1 micron | 150 |
| Orion (Bar) | N/A | N/A | IMG_DUAL2 | 37.1 micron | 900 |
| Orion (OMC2) | N/A | N/A | IMG_SWC | 6.6 micron | 150 |
| Orion (OMC2) | N/A | N/A | IMG_DUAL2 | 6.6 micron | 150 |
| Orion (OMC2) | N/A | N/A | IMG_SWC | 7.7 micron | 150 |
| Orion (OMC2) | N/A | N/A | IMG_DUAL2 | 7.7 micron | 150 |
| Orion (OMC2) | N/A | N/A | IMG_DUAL2 | 19.7 micron | 450 |
| Orion (OMC2) | N/A | N/A | IMG_DUAL2 | 31.4 micron | 300 |
| Orion (OMC2) | N/A | N/A | IMG_LWC | 37.1 micron | 300 |
| Orion (OMC2) | N/A | N/A | IMG_DUAL2 | 37.1 micron | 450 |
| M82 | N/A | N/A | IMG_SWC | 6.3 micron | 240 |

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|-----------|-----|-----|-----------|-------------|-----|
| M82 | N/A | N/A | IMG_SWC | 6.6 micron | 300 |
| M82 | N/A | N/A | IMG_DUAL2 | 7.7 micron | 140 |
| M82 | N/A | N/A | IMG_LWC | 31.4 micron | 210 |
| M82 | N/A | N/A | IMG_DUAL2 | 31.4 micron | 140 |
| M82 | N/A | N/A | IMG_LWC | 37.1 micron | 300 |
| S 140 | N/A | N/A | IMG_DUAL2 | 11.1 micron | 60 |
| S 140 | N/A | N/A | IMG_DUAL2 | 31.4 micron | 60 |
| S 140 | N/A | N/A | IMG_LWC | 37.1 micron | 300 |
| mu Cep | N/A | N/A | IMG_DUAL2 | 11.1 micron | 20 |
| mu Cep | N/A | N/A | IMG_DUAL2 | 19.7 micron | 40 |
| mu Cep | N/A | N/A | IMG_LWC | 31.4 micron | 20 |
| mu Cep | N/A | N/A | IMG_DUAL2 | 31.4 micron | 40 |
| mu Cep | N/A | N/A | IMG_LWC | 34.8 micron | 20 |
| mu Cep | N/A | N/A | IMG_LWC | 37.1 micron | 20 |
| mu Cep | N/A | N/A | IMG_DUAL2 | 37.1 micron | 20 |
| W3 (Main) | N/A | N/A | IMG_SWC | 6.3 micron | 150 |
| W3 (Main) | N/A | N/A | IMG_SWC | 6.6 micron | 150 |
| W3 (Main) | N/A | N/A | IMG_SWC | 7.7 micron | 150 |
| W3 (Main) | N/A | N/A | IMG_DUAL2 | 19.7 micron | 300 |
| W3 (Main) | N/A | N/A | IMG_DUAL2 | 24.2 micron | 150 |
| W3 (Main) | N/A | N/A | IMG_DUAL2 | 31.4 micron | 150 |
| W3 (Main) | N/A | N/A | IMG_DUAL2 | 37.1 micron | 300 |
| W3 (OH) | N/A | N/A | IMG_DUAL2 | 19.7 micron | 150 |
| W3 (OH) | N/A | N/A | IMG_DUAL2 | 24.2 micron | 150 |
| W3 (OH) | N/A | N/A | IMG_DUAL2 | 31.4 micron | 150 |
| W3 (OH) | N/A | N/A | IMG_LWC | 37.1 micron | 300 |
| W3 (OH) | N/A | N/A | IMG_DUAL2 | 37.1 micron | 150 |
| Calabash | N/A | N/A | IMG_DUAL2 | 19.7 micron | 180 |
| Calabash | N/A | N/A | IMG_DUAL2 | 24.2 micron | 120 |
| Calabash | N/A | N/A | IMG_DUAL2 | 31.4 micron | 120 |
| Calabash | N/A | N/A | IMG_LWC | 37.1 micron | 60 |

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|----------|-----|-----|-----------|-------------|-----|
| Calabash | N/A | N/A | IMG_DUAL2 | 37.1 micron | 180 |
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FORCAST GTOs (Galactic Center)

| <u>targetname</u> | <u>targetra</u> | <u>targetdec</u> | <u>instcfg</u> | <u>spectral</u> | <u>t_exp (sec)</u> |
|-------------------|-----------------|------------------|----------------|-----------------|--------------------|
| GC-B1 | 266.416837 | -29.007811 | IMG_DUAL2 | 19.7 microns | 630 |
| GC-B1 | N/A | N/A | IMG_DUAL2 | 31.4 microns | 630 |
| GC-B1 | N/A | N/A | IMG_DUAL2 | 31.4 microns | 425 |
| GC-B1 | N/A | N/A | IMG_DUAL2 | 19.7 microns | 60 |
| GC-B1 | N/A | N/A | IMG_DUAL2 | 24.2 microns | 425 |
| GC-B1 | N/A | N/A | IMG_DUAL2 | 37.1 microns | 60 |
| GC-B1 | N/A | N/A | IMG_LWC | 37.1 microns | 514 |
| GC-B1 | N/A | N/A | IMG_LWC | 19.7 microns | 240 |
| GC-B1 | N/A | N/A | IMG_LWC | 24.2 microns | 235 |
| GC-B2 | 266.416837 | -28.981144 | IMG_DUAL2 | 19.7 microns | 240 |
| GC-B2 | N/A | N/A | IMG_DUAL2 | 31.4 microns | 240 |
| GC-B2 | N/A | N/A | IMG_DUAL2 | 19.7 microns | 60 |
| GC-B2 | N/A | N/A | IMG_DUAL2 | 37.1 microns | 60 |
| GC-B2 | N/A | N/A | IMG_LWC | 19.7 microns | 240 |
| GC-B2 | N/A | N/A | IMG_LWC | 37.1 microns | 240 |
| GC-B7 | N/A | N/A | IMG_LWC | 19.7 microns | 30 |
| GC-B8 | 266.539001 | -28.826 | IMG_DUAL2 | 19.7 microns | 719 |
| GC-B8 | N/A | N/A | IMG_LWC | 19.7 microns | 330 |
| GC-B7 | N/A | N/A | IMG_LWC | 37.1 microns | 30 |
| GC-B8 | N/A | N/A | IMG_LWC | 37.1 microns | 330 |
| GC-B8 | N/A | N/A | IMG_DUAL2 | 31.4 microns | 719 |
| GC-B8 | N/A | N/A | IMG_DUAL2 | 37.1 microns | 156 |
| GC-B8 | N/A | N/A | IMG_DUAL2 | 19.7 microns | 156 |
| GC-B10 | 266.476532 | -28.977144 | IMG_DUAL2 | 31.4 microns | 240 |
| GC-B10 | N/A | N/A | IMG_DUAL2 | 19.7 microns | 240 |
| GC-B10 | N/A | N/A | IMG_DUAL2 | 19.7 microns | 60 |
| GC-B10 | N/A | N/A | IMG_DUAL2 | 37.1 microns | 60 |
| GC-B10 | N/A | N/A | IMG_LWC | 19.7 microns | 240 |

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|--------|-----|-----|---------|--------------|-----|
| GC-B10 | N/A | N/A | IMG_LWC | 37.1 microns | 240 |
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Solar System Targets

| <u>targetname</u> | <u>targetra</u> | <u>targetdec</u> | <u>instcfg</u> | <u>spectral</u> | <u>t_exp (sec)</u> |
|-------------------|-----------------|------------------|----------------|-----------------|--------------------|
| Jupiter | N/A | N/A | IMG_SWC | 5.4 microns | 160 |
| Jupiter | N/A | N/A | IMG_DUAL2 | 11.1 microns | 200 |
| Jupiter | N/A | N/A | IMG_DUAL2 | 19.7 microns | 140 |
| Jupiter | N/A | N/A | IMG_DUAL2 | 24.2 microns | 180 |
| Jupiter | N/A | N/A | IMG_DUAL2 | 31.4 microns | 200 |
| Jupiter | N/A | N/A | IMG_DUAL2 | 37.1 microns | 320 |
| Comet Hartley | N/A | N/A | IMG_DUAL2 | 11.1 microns | 510 |
| Comet Hartley | N/A | N/A | IMG_DUAL2 | 19.7 microns | 150 |
| Comet Hartley | N/A | N/A | IMG_DUAL2 | 24.2 microns | 1080 |
| Comet Hartley | N/A | N/A | IMG_DUAL2 | 31.4 microns | 1380 |
| Comet Hartley | N/A | N/A | IMG_DUAL2 | 37.1 microns | 360 |