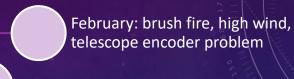
SCIENCE OPERATION REPORT FOR FY2019

TAE-SOO PYO

IN FY2019....

Downtime and many cancelations and schedule change by ...



March: earthquake and postpone TUE work

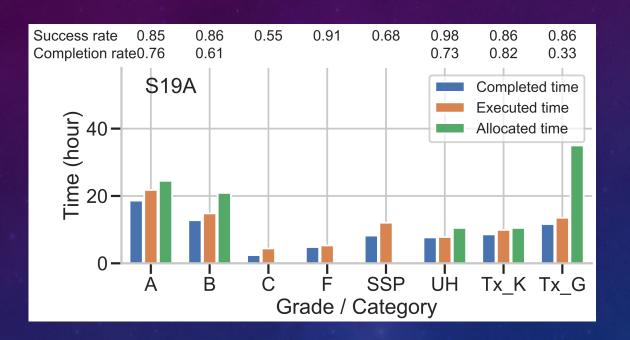
July: Mauna kea access Road blocking

July 22- Sep 6: Repairing of main shutter (Telescope downtime)

Sep 19 – Sep 25: HSC FEU problem

Nov 11- Nov 19: Earthquake and IRM2 recoating/disassemble/assemble

HSC QUEUE MODE PROGRESS REPORT (S19A)



cf. HSC Queue = 19.2 nights, Classical = 17.6 (OpenUse: 4.5, Gemini: 2.5, Keck:3, UH:7.6)

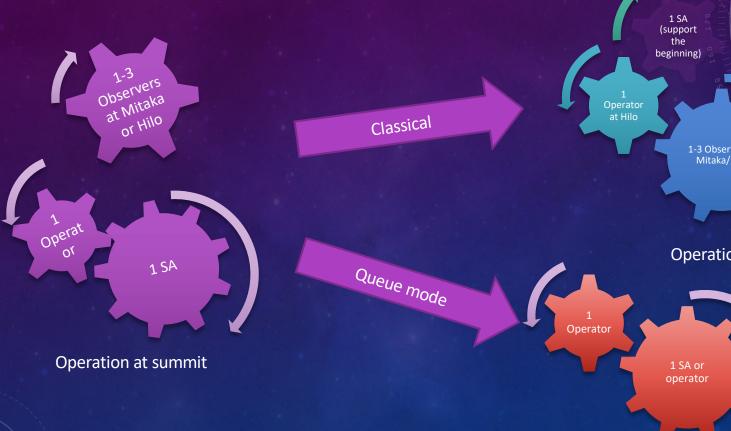
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REMOTE OBSERVATIONS AT MITAKA AND HILO

- Since Mauna Kea access road has been blocking (~ July), all observations are remote observation modes at Mitaka and Hilo except engineering observations.
- Operators and SA at summit, observers at Mitaka or Hilo.

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TRANSITION TO FULL REMOTE





Operation at Hilo

SINCE S20B....

HSC SSP finish: S20B

PFS Engineering night observations start: S20B

COMICS decommission: S20B

New Laser commissioning: S20B

SWIMS opening + MOIRCS Hibernation from S21A [TBD]

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HSC SSP PROGRESS

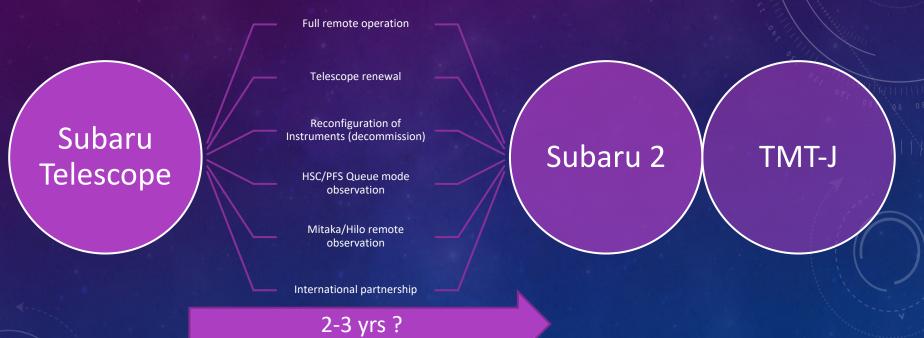


Total: 330 nights

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TO THE NEW WORLD: SUBARU 2 + TMT-J

Subaru Telescope has been showing remarkable achievements for 20 years. Now we are passing very challenging and difficult phase toward new Subaru 2 stage with wide-field astronomy and exoplanet science.



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