

[From SAC, 2023.4.14 in JST]

### **Weather factor in queue-mode observations**

From S24A, the number of accepted proposals in the queue mode is determined taking account of the weather factor (defined by the fraction of night time in good weather conditions) of 0.7. For HSC queue-mode observations, proposers are asked to request observing time in units of 1 hour that includes overheads but no weather factor just as before. But when TAC accepts HSC queue proposals,  $1/0.7$  (~1.4) times requested observation hours are assumed to take account of the weather factor. Because of this change, for a Normal Program HSC queue-mode proposal, one can request up to 35 hours (including overheads), equivalent to 5 nights.

### **Weather factor in classical-mode observations and Service Program observations**

For a Normal Program in the classical mode, please do not explicitly include the weather factor when justifying the number of nights requested. For an Intensive Program in the classical mode, one may take into account the weather factor of 0.7 when justifying the number of nights requested. Note that the observatory's policy to assume 10 hours per night applies to the justification of classical-mode observations. For a Service Program, please do not explicitly include the weather factor when justifying the observing time requested.

(Note: HSC Filler Program also up to 35 hours, including overheads.)