

关于观测时对风速限制的建议 Suggestions for wind speed limits during observation

1.6 米多通道测光巡天望远镜 For Mephisto:

风速达到 8-10 m/s（约 5 级风），关闭侧窗且避免迎风面（以风向为基准 $\pm 45^\circ$ 范围内）观测；

When the wind speed reaches 8-10 m/s, please close the side windows and avoid observing the windward side (within a range of $\pm 45^\circ$ along the wind direction);

风速超过 10m/s（6 级风以上），关闭天窗，停止观测。

If the wind speed exceeds 10m/s, please close the main window of the dome and stop observation.

五十公分望远镜阵列 For the twin 50cm telesopes:

风速达到 5.5-7.9 m/s（约 4 级风），谨慎观测；

When the wind speed reaches 5.5-7.9 m/s, please observe with caution;

风速超过 8 m/s（5 级风以上），关闭平移顶，停止观测。

If the wind speed exceeds 8 m/s, please close the rolled-off roof and stop observation.

参考：风力等级与风速对照表

Reference: Comparison Table of Wind Level and Wind Speed

| 风级和符号 | 名称 | 风速 (m/s) | 陆地物象 | 海面波浪 | 浪高 (米) |
|-------|----|-----------|------|--------|--------|
| 0 | 无风 | 0.0-0.2 | 烟直上 | 平静 | 0.0 |
| 1 | 软风 | 0.3-1.5 | 烟示风向 | 微波峰无飞沫 | 0.1 |
| 2 | 轻风 | 1.6-3.3 | 感觉有风 | 小波峰未破碎 | 0.2 |
| 3 | 微风 | 3.4-5.4 | 旌旗展开 | 小波峰顶破裂 | 0.6 |
| 4 | 和风 | 5.5-7.9 | 吹起尘土 | 小浪白沫波峰 | 1.0 |
| 5 | 劲风 | 8.0-10.7 | 小树摇摆 | 中浪折沫峰群 | 2.0 |
| 6 | 强风 | 10.8-13.8 | 电线有声 | 大浪到个飞沫 | 3.0 |
| 7 | 疾风 | 13.9-17.1 | 步行困难 | 破峰白沫成条 | 4.0 |
| 8 | 大风 | 17.2-20.7 | 折毁树枝 | 浪长高有浪花 | 5.5 |
| 9 | 烈风 | 20.8-24.4 | 小损房屋 | 浪峰倒卷 | 7.0 |
| 10 | 狂风 | 24.5-28.4 | 拔起树木 | 海浪翻滚咆哮 | 9.0 |
| 11 | 暴风 | 28.5-32.6 | 损毁普遍 | 波峰全呈飞沫 | 11.5 |
| 12 | 飓风 | 32.7- | 摧毁巨大 | 海浪滔天 | 14.0 |