

Paul Morgan Observatory

2020 Pandemic Report

Important work has been accomplished at the observatory. During the summer of 2020, new astronomy cameras have been tested and will be ready to use spring 2021. These new cameras will provide wide field high resolution views of nebula, star clusters and galaxies. Other new cameras will provide better images of solar, lunar and planetary imaging. Also the observatory can now demonstrate how astronomers discover so much about distant stars using light. A new spectroscopic filter grating and software has finally been tested and the process of imaging star spectra has been successful. See above. This new capability will be a first for a community college and an improvement over many public observatories in the Pacific Northwest. The college and other students will be able to not only read about spectra of stars but see them in real time images from the observatory. Public tours will see not only visual images of many stars but will also see elements and molecules in stellar atmospheres.