

V117a Update on ALMA Operations and Development Program - Spring 2024

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In this presentation, we will offer an update on ALMA Operations and Development Program.

Operations: The transition from Cycle 9 to Cycle 10 observation season took place at the end of September 2023 as planned, and Cycle 10 open-use observations have begun, which will continue until September 2024. In Cycle 9, full configuration-9 and 10 were attained on schedule for the first time and it was the most successful cycle for the TP Array in ALMA's history. This presentation will provide an overview summary of Cycle 9 and the latest status in Cycle 10.

Development: All Band 1 receivers (35-50 GHz) are being integrated into the array in preparation for the start of science observations anticipated in March 2024. While these development projects are being completed, vigorous work is underway in ALMA2 to upgrade the Band 8 receivers and to develop the data transmission system. Internationally, ALMA continues to develop detailed plans towards the implementation of the Wideband Sensitivity Upgrade (WSU). In this presentation, we will provide an update on the latest situation.