remote sensing

Supplementary Materials

Tahoe Area Seeding on 16 February 2025

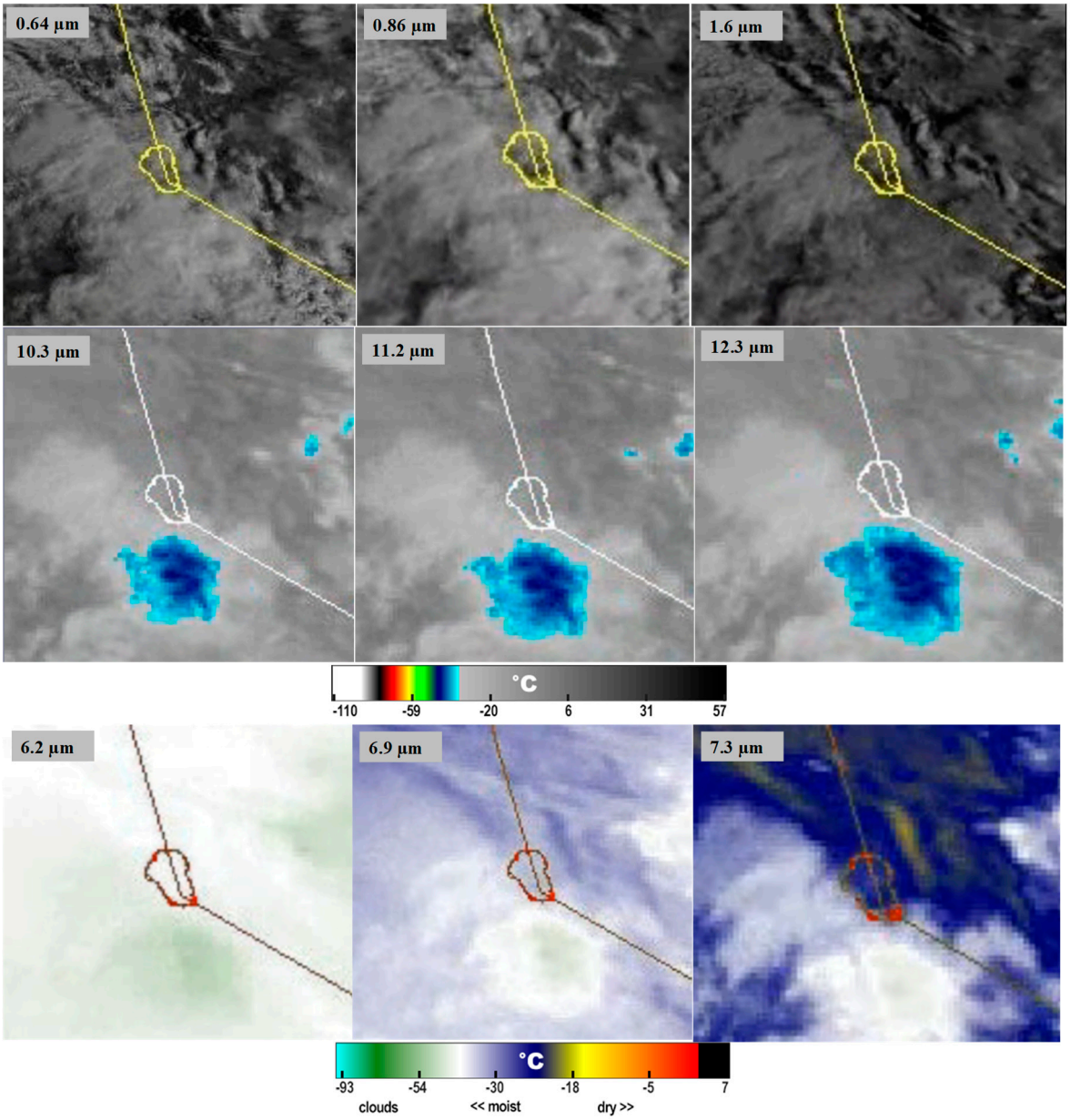


Figure S1. GOES BI satellite imagery from the cloud seeding event on February 16, 2025, at 17:36 UTC, over the Tahoe region, highlighting multiple spectral bands used for cloud microphysical analysis. The top row presents visible and near-infrared bands (0.64 µm, 0.86 µm, and 1.61 µm), the middle row displays infrared window bands (10.3 µm, 11.2 µm, and 12.3 µm), and the bottom row features water vapor bands (6.2 µm, 6.9 µm, and 7.3 µm).

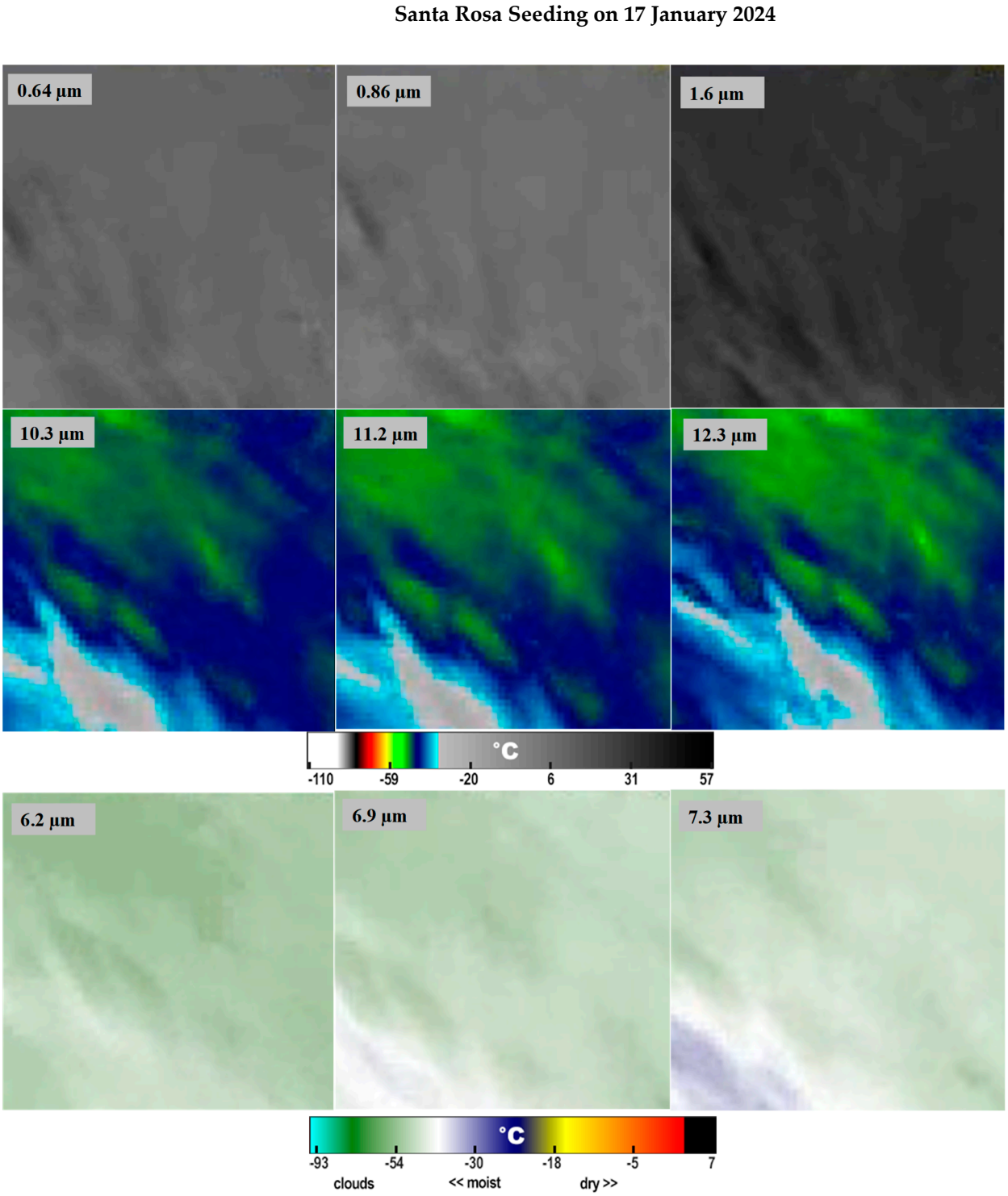


Figure S2. Same as Figure S1 but for January 17, 2024, at 17:26 UTC, over the Santa Rosa Mountain.

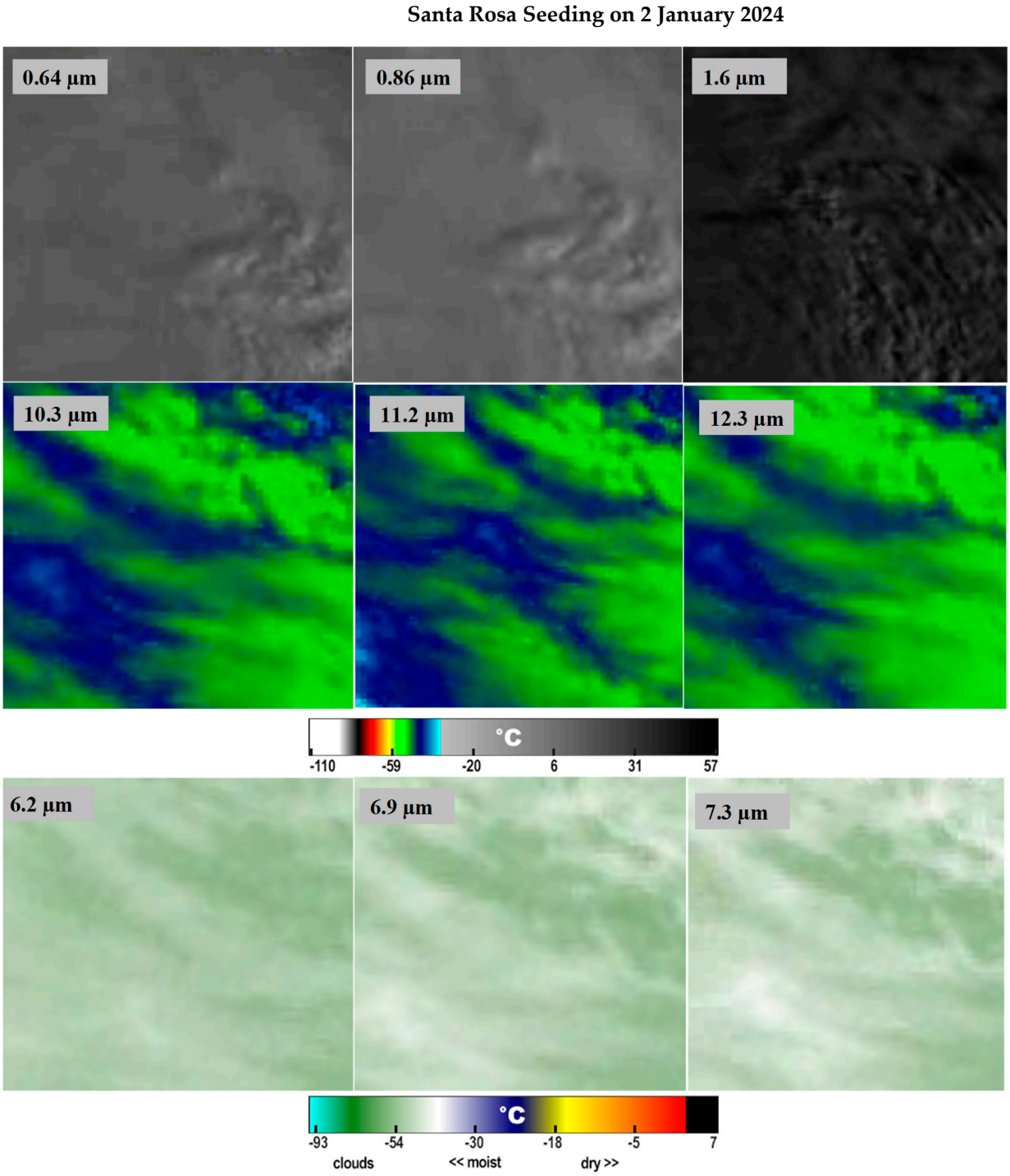


Figure S3. Same as Figure S1 but for January 2, 2024, at 17:17 UTC, over the Santa Rosa Mountain.

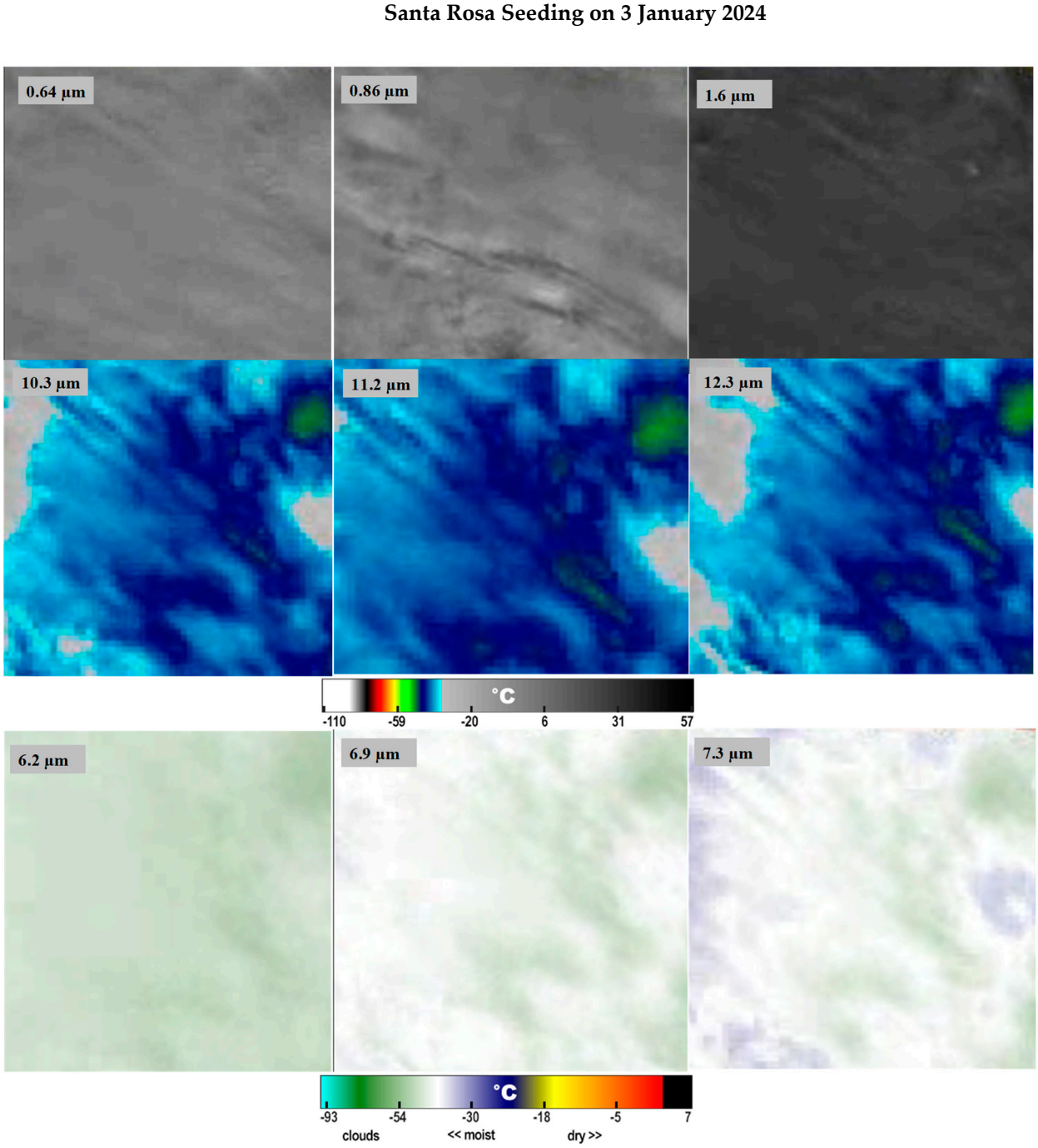


Figure S4. Same as Figure S1 but for January 3, 2024, at 20:06 UTC, over the Santa Rosa Mountain.

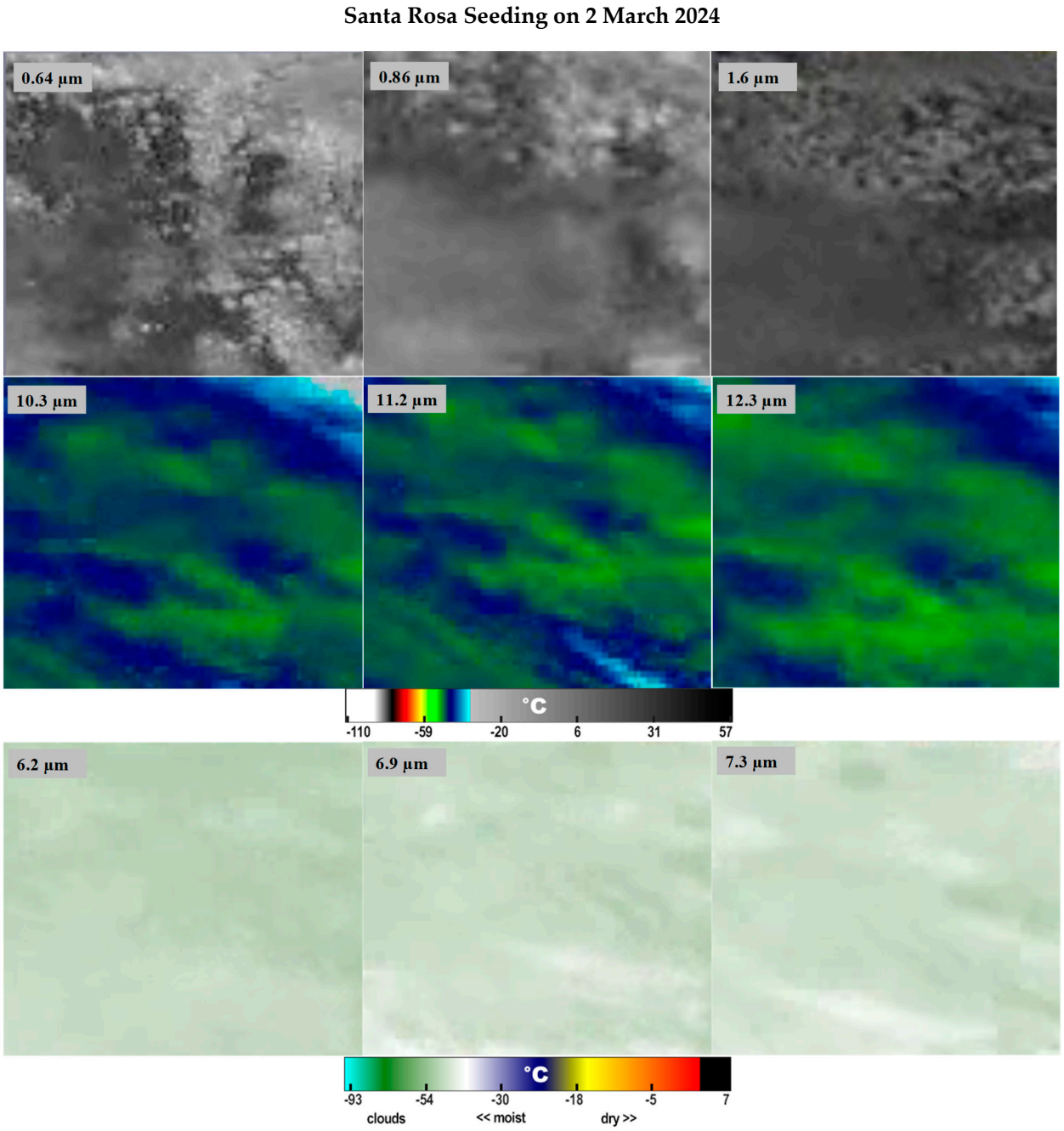


Figure S5. Same as Figure S1 but for March 2, 2024, at 23:06 UTC, over the Santa Rosa Mountain.

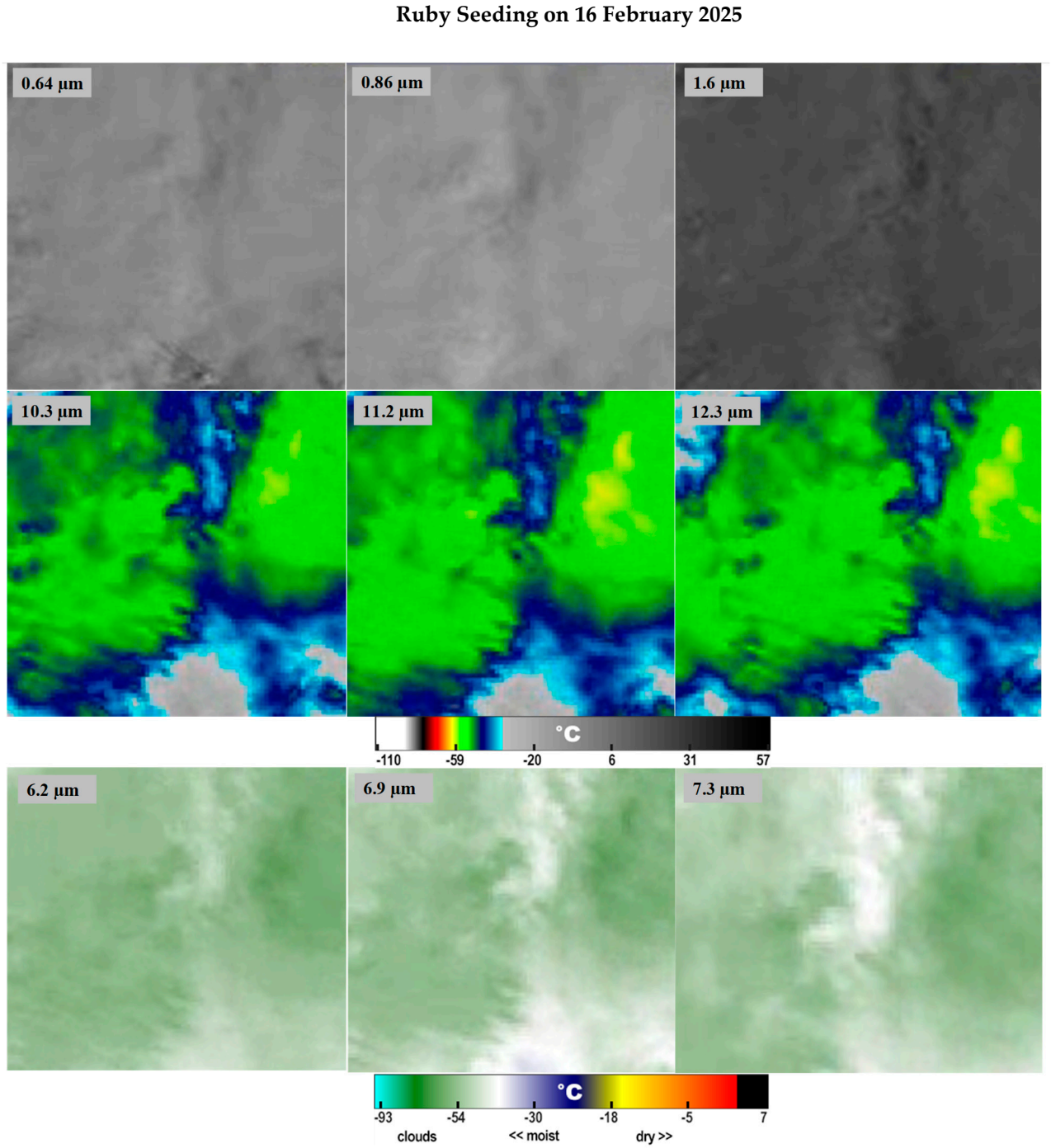


Figure S6. Same as Figure S1 but for February 16, 2025, at 17:36 UTC, over the Ruby Mountain.

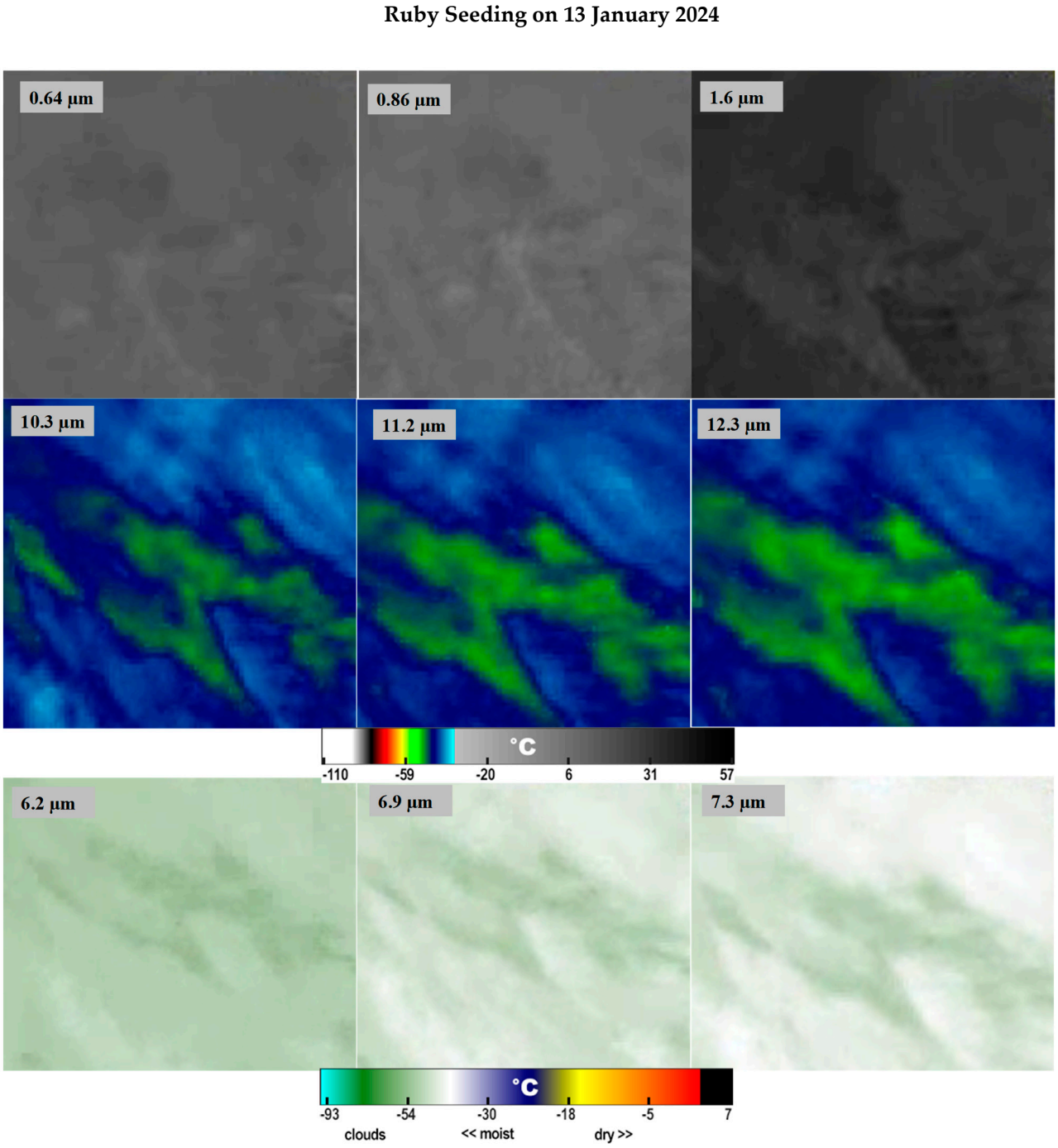


Figure S7. Same as Figure S1 but for January 13, 2024, at 17:11 UTC, over the Ruby Mountain.

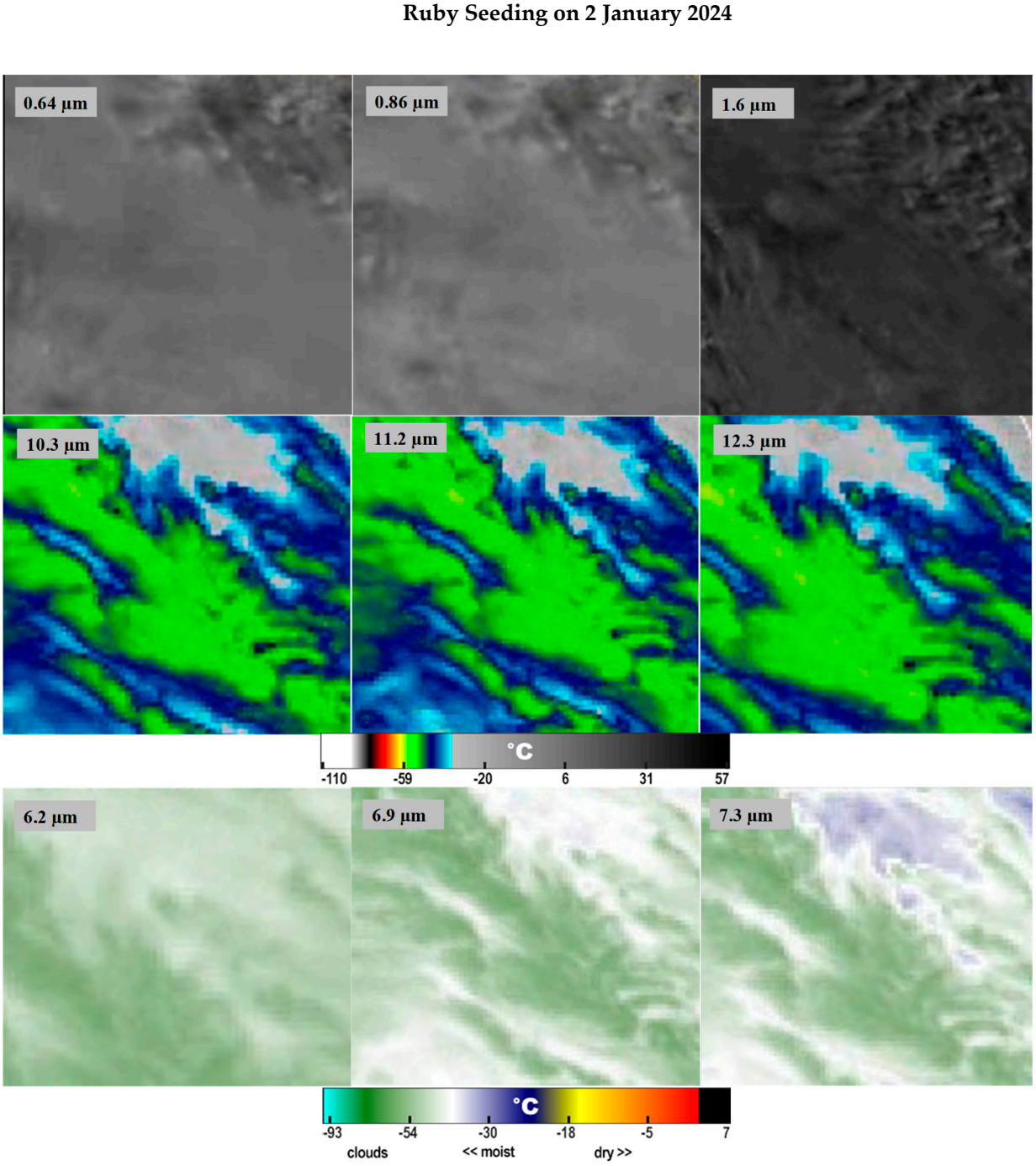


Figure S8. Same as Figure S1 but for January 2, 2024, at 14:31 UTC, over the Ruby Mountain.

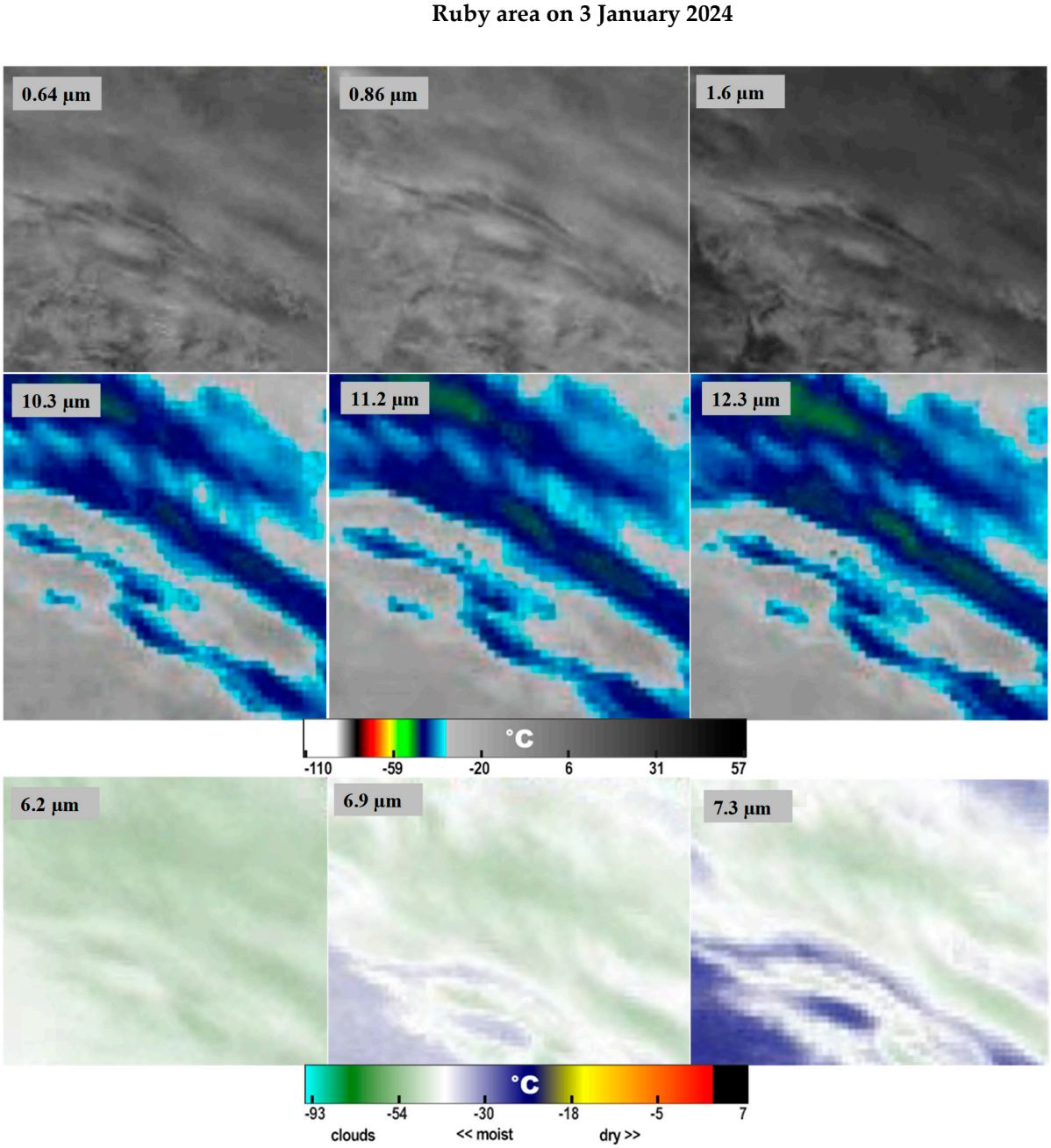


Figure S9. Same as Figure S1 but for January 3, 2024, at 20:36 UTC, over the Ruby Mountain.