

TRANSMISSOMETER SITE DESCRIPTION
BANDELIER NATIONAL MONUMENT, NEW MEXICO

Site Location: Department of Energy (Los Alamos Labs) land in the Santa Fe National Forest northeast of the monument, in north-central New Mexico approximately 45 km northwest of Santa Fe.

Operational Period: Installation Date: October 5, 1988
Removal Date: Ongoing

Receiver Station: Small hilltop approximately 1.6 km southeast of main entrance to Bandelier National Monument and approximately 250 meters south of Highway 4.

Transmitter Station: On roof of air quality shelter approximately 3 km northwest of main entrance to Bandelier National Monument on north side of Highway 4.

Power: Receiver Station: Solar power
Transmitter Station: Line power

Sight Path: Elevation angle approximately 1.65° from receiver to transmitter over a forested mesa. Elevation difference between receiver and transmitter is 132 meters. Beam height is well above the ground surface along the entire path.

Siting Constraints: Operator Site Access Considerations: Site operator(s) are subcontracted from Los Alamos National Labs and both receiver and transmitter are located on Lab property.

Site Factors Potentially Affecting Transmissometer Readings

Factor	Affect on Data / Operation
None.	
