

Table C1. Criteria for deformation and strain rates for color-code conditions under table 2.

Condition Code	Strain and/or tilt rates ¹			Displacement rates ²		
	24-hr (ppm/d)	weekly (ppm/w)	annual (ppm/y)	24-hr (mm/d)	weekly (mm/w)	annual (mm/y)
GREEN						
Quiescence & Weak unrest	<0.01	<0.1	<5	NA**	NA	<5
Minor unrest	>0.01	>0.1	>5	NA	NA	>5
Moderate-to- strong unrest	>0.1	>1	>50	NA	>5	>20
YELLOW	>1	>10	>500	>5	>50	>2,000
ORANGE	>10	>100	>5,000	>50	>500	>20,000

¹Strain and tilt rates based on corresponding displacement rates over a 5-km baseline.

²Displacements below 1 mm and not resolvable by the 2-color EDM and GPS systems.

Notes:

- Read >5 mm/d as several millimeters per day, >10 mm/w as tens of millimeters per week (or centimeters per week), etc.
- Approximate annual rates indicate corresponding long-term cumulative displacements and strains: (1) Read >500 mm/y as many tens of centimeters to a few meters per year (this long-term rate includes, for example, the ~1-meter uplifts accumulated over one year (1983) in Campi Flegrei caldera, Italy, and Rabaul caldera, Papua New Guinea (see Figure 1 of Battaglia and others, 1999). (2) Read >5,000 mm/y as many meters to tens of meters per year.