



VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS - 1985
U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Formal statements released in 1985

Compiled by Bobbie Myers, 2005

1985

January –

February –

March –

April –

May – *includes Information Statement, Volcano Advisories, Volcano Alert, and Updates and dome-building eruption*

June – *includes Volcano Advisories*

July –

August –

September –

October –

November –

December –

JANUARY 1985

VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS

U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Report at 0820, Wednesday, January 2, 1985

Seismicity remains at background level. Deformation rates are at background. Inclement weather and equipment problems have prevented SO₂ measurements since Dec 5. SO₂ levels measured on the 5th were at background.

Report at 0940, Monday, January 7, 1985

Seismicity, deformation and gas emissions are at background level. Crews were able to work in the crater almost every day last week.

Report at 1200, Tuesday, January 8, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Wednesday, January 9, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Thursday, January 10, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Friday, January 11, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Monday, January 14, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1100, Tuesday, January 15, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Wednesday, January 16, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Thursday, January 17, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Friday, January 18, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1400, Monday, January 21, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Tuesday, January 22, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Wednesday, January 23, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1200, Thursday, January 24, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Friday, January 25, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Monday, January 28, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Tuesday, January 29, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0730, Wednesday, January 30, 1985

Seismicity, deformation and gas emissions are at background level.

FEBRUARY 1985

VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS

U.S. Geological Survey and University of Washington

Vancouver and Seattle, Washington

Report at 0930, Friday, February 01, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0930, Monday, February 04, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1030, Tuesday, February 05, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Wednesday, February 06, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Friday, February 08, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1230, Monday, February 11, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1230, Tuesday, February 12, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Wednesday, February 13, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Thursday, February 14, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Friday, February 15, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Monday, February 18, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Tuesday, February 19, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0815, Wednesday, February 20, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Thursday, February 21, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Monday, February 25, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Tuesday, February 26, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1030, Wednesday, February 27, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Thursday, February 28, 1985

Seismicity, deformation and gas emissions are at background level.

MARCH 1985

VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS

U.S. Geological Survey and University of Washington

Vancouver and Seattle, Washington

Report at 1000, Friday, March 01, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Monday, March 04, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0700, Wednesday, March 06, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Thursday, March 07, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1000, Monday, March 11, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1200, Tuesday, March 12, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Wednesday, March 13, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1050, Thursday, March 14, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0630, Friday, March 15, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Monday, March 18, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0730, Tuesday, March 19, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1030, Wednesday, March 20, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Friday, March 22, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Monday, March 25, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0630, Tuesday, March 26, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0630, Wednesday, March 27, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Friday, March 29, 1985

Seismicity, deformation and gas emissions are at background level.

APRIL 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Report at 0800, Monday, April 01, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Tuesday, April 02, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Wednesday, April 03, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1400, Thursday, April 04, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1100, Friday, April 05, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0730, Monday, April 08, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1030, Tuesday, April 09, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0700, Wednesday, April 10, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Thursday, April 11, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0700, Friday, April 12, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0630, Monday, April 15, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Tuesday, April 16, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Wednesday, April 17, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 1100, Thursday, April 18, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Friday, April 19, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Monday, April 22, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Thursday, April 25, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0700, Friday, April 26, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Monday, April 29, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Tuesday April 30, 1985

Seismicity, deformation and gas emissions are at background level.

MAY 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Report at 1000, Wednesday May 01, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Friday May 03, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0900, Monday, May 6, 1985 – *missing*

Report at 1230, Tuesday, May 07, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Wednesday, May 08, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Friday, May 10, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0930, Monday, May 13, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0830, Tuesday, May 14, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0800, Wednesday, May 15, 1985

Seismicity, deformation and gas emissions are at background level.

Report at 0930, Thursday, May 16, 1985

Deformation has increased from background to low level. Recent measurements of the dome show a slight increase in rates. Seismicity has increased slightly but remains at background level. Gas emissions continue at background levels.

Report at 1230, Friday, May 17, 1985

Seismicity is continuing to increase and is now near the upper limits of background level. Deformation rates are low level. Gas emissions continue at background levels. Crews are in the field today measuring gas emission levels and dome deformation.

Report at 0730, Monday, May 20, 1985

Seismicity has increased to slightly elevated. Deformation rates are slightly elevated. Gas emissions continue at background levels.

Report at 0930, Tuesday, May 21, 1985

Seismicity is at slightly elevated levels. Deformation rates are slightly elevated. Gas emissions continue at background levels. Due to the increase of activity during the past 24 hours the following advisory was issued:

MOUNT ST. HELENS VOLCANO
VOLCANO ADVISORY

MAY 20, 1985
7:30 P.M.

Recent changes at Mount St. Helens suggest that renewed eruptive activity will begin within the next two weeks, possibly within the next few days. Seismicity has increased slowly over the past week and more rapidly within the past 24 hours. Rates of ground deformation have also increased, and the first vigorous gas emissions since September occurred on Friday, May 17. Activity thus far is generally similar to that which preceded previous dome-building eruptions, and another dome-building eruption is likely. However, previous dome-building eruptions after several months of quiet began with small to moderate-sized explosions, and similar explosions are also possible.

U.S. Geological Survey, Vancouver, WA
Univ. of Washington, Geophysics program, Seattle, WA

Report at 0830, Wednesday, May 22, 1985

Seismicity is at moderate levels. Deformation rates continue to increase. Gas emissions continue at background levels.

The advisory issued May 20 remains in effect.

Report at 1145, Thursday, May 23, 1985

Deformation rates and seismicity are continuing to increase. Seismicity is now at high level. Gas emissions are at background level.

The advisory issued May 20 remains in effect.

Report at 1100, Friday, May 24, 1985

Deformation rates and seismicity are continuing to increase. Seismicity is now at high levels. Gas emissions are at background level.

The advisory issued May 20 remains in effect.

The following Volcano Alert was issued at 930 A.M. on May 25, 1985

Data from Mount St. Helens during the past 24 hours suggest that the anticipated eruptive activity will begin within the next 48 hours. The number of small earthquakes beneath the dome is increasing, and low frequency earthquakes that immediately precede and accompany extrusions are becoming more numerous. The dome continues

to deform rapidly, and the deformation pattern now suggests that magma has nearly reached the surface. Observations at 12:30 a. m. PDT today detected increased glow from cracks on the dome.

Similar changes immediately preceded past extrusions on the dome, so another extrusion is likely. Small explosions or ash emissions, with effects mostly confined within the crater, are also possible. An explosion could melt snow rapidly and cause a small mudflow out of the crater.

Our current assessment is that the activity is unlikely to be hazardous outside the restricted area.

The following Volcano Alert Update was issued at 930 A.M. on May 27, 1985

Seismicity and deformation and incandescence of the lava dome have increased since our alert of 0930 hrs, 25 May. Magma is intruding high into the dome and the dome is growing internally. As of 0415 hrs this morning no lava extrusion was visible, and since then clouds have prevented further observations. Our alert of 25 May remains in effect.

Report at 1100, Tuesday, May 28, 1985

Seismicity is at a very high level with numerous magnitude 2 earthquakes. Deformation on the north side of the dome is low, with maximum rates of about 7 cm/day. A large arcuate graben-like scarp has developed on the south side of the dome, suggesting that the south side of the dome is moving southward. Deformation rates on the south side cannot be made at this time owing to unstable measurement sites and poor weather. Tiltmeters and strainmeters on the dome indicate continued, locally accelerating deformation; numerous hydrogen events have been measured. Magma appears to be in the process of being injected into the dome (endogenous growth) causing the south side of the dome to move southward. No new lava has been seen on the surface of the dome.

The volcano alert issued May 25 is still in effect.

Report at 1500, Wednesday, May 29, 1985

Seismicity is at an extremely high level. Gas emissions continue at background levels. Due to the prolonged activity during the past several days the following Updated alert was issued:

MOUNT ST. HELENS
UPDATED ALERT

MAY 29, 1985
3:00 P.M. PDT

The dome of Mount St. Helens is growing internally. Seismicity has increased over the last several days to an extremely high level. Visual observations of the dome and deformation measurements in the crater have not been made since the afternoon of May 27, owing to poor weather. At that time, an east-trending arcuate zone of cracking crossed the southern part of the dome, but no new lava was seen at the surface.

The prolonged, extremely high level of the seismicity makes this sequence different than previous sequences that preceded the predominantly dome building eruptions of 1981-1984. Earthquakes with magnitudes as large as 2.5 to 2.8 are now occurring every few minutes at depths as deep as a kilometer beneath the dome. Previous eruption sequences have been characterized by only a few earthquakes of magnitude 2.5, and earthquake depths were typically near the surface. Extremely high rates of seismicity like those now being recorded at Mount St. Helens have previously lasted for less than a day.

The changes in the seismicity pattern for this eruption sequence coupled with the lack of crater observations because of the poor weather makes it especially difficult to predict the course of this eruption. The dome may continue to enlarge internally for some time, and magma may or may not eventually extrude onto the surface. An explosion could occur any time during the current period of unrest. Despite the uncertainties, we anticipate that hazards will be largely confined to the restricted area.

U.S. Geological Survey, Vancouver, WA
Univ. of Washington Geophysics Program, Seattle, WA

Report at 1000, Thursday, May 30, 1985

At 0830 AM a USGS crew on a reconnaissance flight of the crater reported a new lobe growing on the southeast side of the dome near the eastern end of the graben. Deformation crews are enroute to the crater at this time and will provide more information for an afternoon update.

Seismicity remains at extremely high levels. Gas emissions have not been measured in several days owing to poor weather conditions.

The updated alert issued May 29, 1985 remains in effect.

Report at 1730, Thursday, May 30, 1985

A new small lobe has been extruded onto the southeast side of the dome along the axis of the recently developed graben. From the air, it is estimated to be about 60 m wide and extends to the crater floor. The graben, last observed on Monday, has enlarged considerably to about 30-40 m deep and 100 m wide. The dome flank south of the graben has been displaced southward.

Seismicity remains at extremely high levels (in contrast to prior dome extrusions which have been accompanied by greatly diminished seismicity). The seismicity makes it difficult to anticipate the course of the present activity.

The updated alert issued May 29, 1985 remains in effect.

Report at 0830, Friday, May 31, 1985

Seismicity remains at extremely high levels (in contrast to prior dome extrusions which have been accompanied by greatly diminished seismicity). Gas emissions are at slightly elevated levels. Crews are enroute to the crater this morning to make further observations of the new lobe. The continuing seismicity makes it difficult to anticipate the course of the present activity.

The updated alert issued May 29, 1985 remains in effect.

JUNE 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
 Vancouver and Seattle, Washington

Report at 0930, Monday, June 03, 1985

Seismicity remains at extremely high levels although it has decreased during the past day and a half. Gas emissions are at slightly elevated levels.

Crews were unable to work in the crater over the weekend owing to poor weather conditions. However observers on a late afternoon ed-wing flight (Sunday) reported no major changes visible on new lobe graben (since last observed on May 30).

The updated alert issued May 29, 1985 remains in effect.

Report at 0830, Tuesday, June 04, 1985

Seismicity has decreased to very high levels. Gas emissions are at slightly elevated levels. Crews were able to work in the north part of the crater yesterday and to make aerial observations on the south side of the dome. Wind and cloud problems prevented crews from landing on the rim to measure deformation of the top, south and east sides of the dome.

The advisory issued May 29, 1985 remains in effect.

Report at 0830, Wednesday, June 05, 1985

Seismicity has decreased to moderate levels. Gas emissions are at slightly elevated levels. The advisory issued May 29, 1985 remains in effect.

Report at 1130, Wednesday, June 05, 1985

Due to the change in activity at the volcano, the following advisory was issued:

**MOUNT ST. HELENS
 VOLCANO ADVISORY**

**5 JUNE 1985
 11:00 A.M.**

Seismic activity at Mt. St. Helens has declined to moderate levels. Hazards are less now than they were several days ago. However, small shallow earthquakes and rockfalls indicate

continued activity within the dome. Field observations have not been made since June 3 because of inclement weather.

U.S. Geological Survey, Vancouver, Wash.
Univ. of Washington Geophysics Program, Seattle, Wash.

Report at 1100, Thursday, June 06, 1985

Seismic activity at Mt. St. Helens has declined to low levels. Small shallow earthquakes and rockfalls indicate continued activity within the dome. Field observations yesterday indicate no substantial changes in the dome except for southward movement of the south side of the dome; the upper part of the dome was obscured in steam.

Report at 0800, Friday, June 07, 1985

Seismic activity at Mt. St. Helens remains at low levels. Weather conditions prevented crews from working in the crater yesterday.

Report at 0830, Monday, June 10, 1985

Seismic activity at Mt. St. Helens remains at low levels. Gas Emissions remain at slightly elevated levels. Crews worked in the crater over the weekend.

Report at 0830, Tuesday, June 11, 1985

Seismic activity at Mount St. Helens remains at low levels. Gas emissions remain at slightly elevated levels. Crews worked in the crater yesterday and reported felt earthquakes and rockfalls. Targets south of the dome continue to move slowly southward. New targets were established on the greatly deformed south part of the dome, although determination of current rates of deformation must await new measurements.

Report at 0830, Wednesday, June 12, 1985

Seismic activity at Mount St. Helens remains at low levels. Gas emissions remain at slightly elevated levels.

Report at 1130, Thursday, June 13, 1985

Seismic activity at Mount St. Helens remains at low levels. Gas emissions remain at slightly elevated levels.

Report at 1030, Friday, June 14, 1985

Seismic activity at Mount St. Helens remains at low levels. Gas emissions remain at slightly elevated levels.

Report at 1130, Monday, June 17, 1985

Seismicity and deformation rates have returned to background levels. Gas emissions are slightly elevated.

Report at 1000, Tuesday, June 18, 1985

Seismicity returned to background level over the weekend. Deformation rates, measured on Sunday, have also returned to a very low level (background). Based on these recent changes the following "Advisory" was issued this morning.

MOUNT ST. HELENS
VOLCANO ADVISORY CANCELLATION

18 JUNE 1985
10:00 A.M.

The current volcano advisory is cancelled. Deformation of the dome has declined to very low levels and seismic activity is very low indicating that endogenous growth of the dome has stopped.

U.S. Geological Survey, Vancouver, WA
Univ. of Washington Geophysics Program, Seattle, WA

Report at 0930, Wednesday, June 19, 1985

Seismicity is at background levels. Deformation rates are at very low levels. Gas emissions remain at low levels.

Report at 0930, Thursday, June 20, 1985

Seismicity is at background levels. Deformation rates are at very low Levels. Gas emissions remain at low levels.

Report at 0830, Friday, June 21, 1985

Seismicity and deformation rates are at background levels. Gas emissions remain at low levels.

Report at 0830, Monday, June 24, 1985

Seismicity and deformation rates, and gas emissions are at background levels.

Report at 0730, Tuesday, June 25, 1985

Seismicity and deformation rates, and gas emissions are at background levels.

Report at 0830, Wednesday, June 26, 1985

Seismicity and deformation rates, and gas emissions are at background levels.

Report at 0945, Thursday, June 27, 1985

Seismicity and deformation rates, and gas emissions are at background levels.

Report at 0830, Friday, June 28, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

JULY 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Report at 1030, Monday, July 01, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1030, Tuesday, July 02, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Wednesday, July 03, 1985

Seismicity and deformation rates, and gas emissions are at background levels.

Report at 0830, Friday, July 05, 1985

Seismicity and deformation rates, and gas emissions are at background levels.

Report at 0800, Monday, July 08, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0700, Tuesday, July 09, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0700, Wednesday, July 10, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1200, Thursday, July 11, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0645, Friday, July 12, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0700, Monday, July 15, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Tuesday, July 16, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Wednesday, July 17, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Friday, July 19, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Monday, July 22, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1300, Tuesday, July 23, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Wednesday, July 24, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0930, Thursday, July 25, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1130, Friday, July 26, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1130, Monday, July 29, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0730, Tuesday, July 30, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0730, Wednesday, July 31, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

AUGUST 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Report at 1230, Friday, August 02, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1030, Monday, August 05, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Tuesday, August 06, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Wednesday, August 07, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1030, Thursday, August 08, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0700, Friday, August 09, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0700, Monday, August 12, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0700, Tuesday, August 13, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Wednesday, August 14, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 01600, Friday, August 16, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Tuesday, August 20, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Wednesday, August 21, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0930, Thursday, August 22, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0930, Friday, August 23, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0630, Monday, August 26, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0700, Tuesday, August 27, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Thursday, August 29, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0645, Friday, August 30, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

SEPTEMBER 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Report at 0800, Wednesday, September 04, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Thursday, September 05, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Friday, September 06, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Wednesday, September 11, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0700, Monday, September 16, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0900, Tuesday, September 17, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Wednesday, September 18, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0645, Friday, September 20, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Monday, September 23, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1000, Wednesday, September 25, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Friday, September 27, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

OCTOBER 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
 Vancouver and Seattle, Washington

Report at 0830, Tuesday, October 01, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Wednesday, October 02, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1000, Friday, October 04, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1000, Monday, October 07, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0900, Tuesday, October 08, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1000, Wednesday, October 09, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1030, Thursday, October 10, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0900, Friday, October 11, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0900, Tuesday, October 15, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Wednesday, October 16, 1985

Seismicity, deformation rates, and gas emissions are at background ~vels.

Report at 0730, Friday, October 18, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Monday, October 21, 1985

Seismicity, deformation rates, and gas emissions are at background 21s.

Report at 1030, Tuesday, October 22, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1130, Thursday, October 24, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report Friday, October 24, 1985 – *missing*

Report at 0830, Monday, October 28, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

NOVEMBER 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Report at 0830, Friday, November 1, 1985

Seismicity, deformation rates, and gas emissions are at background level.

Report at 1130, Monday, November 4, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Tuesday, November 5, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1100, Wednesday, November 6, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1100, Friday, November 8, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1100, Wednesday, November 13, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1100, Thursday, November 14, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Friday, November 15, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0730, Monday, November 18, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0930, Tuesday, November 19, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0900, Thursday, November 21, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1230, Friday, November 22, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Monday, November 25, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Tuesday, November 26, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0930, Wednesday, November 27, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0930, Friday, November 29, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

DECEMBER 1985**VOLCANIC AND SEISMIC ACTIVITY AT MOUNT ST. HELENS**

U.S. Geological Survey and University of Washington
Vancouver and Seattle, Washington

Report at 0930, Monday, December 02, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0930, Wednesday, December 04, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1030, Monday, December 09, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Wednesday, December 11, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1130, Thursday, December 12, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0930, Friday, December 13, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1200, Monday, December 16, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0830, Tuesday, December 17, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 1100, Wednesday, December 18, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Monday, December 23, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Tuesday, December 24, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Thursday, December 26, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Friday, December 27, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Monday, December 30, 1985

Seismicity, deformation rates, and gas emissions are at background levels.

Report at 0800, Tuesday, December 31, 1985

Seismicity, deformation rates, and gas emissions are at background levels.
