

Hawaiian Volcano Observatory Record Book 1954

This volume is one of a series of record books maintained by the Hawaiian Volcano Observatory (HVO) from 1912 through early 1966. The pages for this volume were duplicated from the original set housed at HVO. Volunteer Ben Gaddis scanned the record book at HVO using a flat-bed scanner at a resolution equivalent to 600 dpi. Ben Gaddis also processed each of the scanned pages by cropping and by adjusting the exposure and contrast using a photo editing program. The pages for this volume were then combined to form this digital version of the record book. Quality control and posting was done by Tim Orr of the U.S. Geological Survey Alaska Volcano Observatory.



540512-1 0900: Cracks at and just north of stone wall at N edge of old tourist overlook at SE rim of Halemauau; from point about 250 feet NE of craterward end of wall. This was only a few hours before the collapse of the N end of the block in the foreground.
Photo: G. A. Macdonald.



540512-2 Same as 540512-1. Ph: G. A. Macdonald.



540512-3 0900: Same as 540512-1 and 54-512-2, but from a point about 400 feet NE of the craterward end of the wall.



540512-4 0930: Wall of Halemaumau, showing avalanche area at N edge of old tourist overlook at SE rim of Halemaumau; seen from SW edge of new tourist overlook area about 350 feet SW of Benchmark 3640.
Ph: G. A. Macdonald.



540513-1 0900: Cracks in and near old stone wall at N edge of old tourist overlook area at SE rim of Halemaumau, seen from a point about 250 feet NE of the craterward end of the stone wall. The close end of the rim block in the foreground fell off last night (compare 540512-1 and 540512-2).
Ph: G. A. Macdonald.



540513-2 Same as 540513-1. Ph: G. A. Macdonald.



540531-22 07:00. Fountain at NE edge of Halemaumau, seen from SE rim.
Ph: Macdonald



540531-23 07:00. Fountains on rift of caldera floor NE of Halemaumau.
Ph: Macdonald



540531-24 07:00. Same as 540531-23.



540531-25 10:30. SW part of floor of Halemaumau, from SE rim.
Ph: Macdonald



540531-26 10:30. Central part of floor of Halemaumau, from SE rim;
Panoramic with 540531-25.
Ph: Macdonald



540531-27 10:30. NE part of the floor of Halemaumau, from SE rim.
Ph: Macdonald



540531-28 14:00. Panorama of floor and walls of Halemaumau, from SE rim;
(Includes photos 540531-28 to 33).
Ph: Macdonald



540531-29 14:00. Panorama of floor and walls of Halemauau, from SE Rim;
(Includes photos 540531-28 to 33).
Ph: Macdonald



540531-30 14:00. Same as 540531-28 to 33.
Ph: Macdonald



540531-31 14:00. Same as 540531-28 to 33.
Ph: Macdonald



540531-32 14:00. Same as 540531-28 to 33.
Ph: Macdonald



540531-33 14:00. Same as 540531-28 to 32.
Ph: Macdonald



540601-11 07:30. N part of floor of Halemaumau, from SE rim.
Ph: Macdonald



540601-12 07:30. Same as 540601-11.
Ph: Macdonald



540601-13 07:30. Central part of floor of Halemaumau, from SE rim.
Ph: Macdonald



540609-1 13:00. Kilauea caldera from Volcano Observatory at Uwekahuna.
Ph: G. A. Macdonald