# **MVO Monitoring Notes**

R.C. Stewart 1 May 2025

## All

MVOM_001	Ops Room Displays	Managing the display computers in the Ops Room.
MVOM_002	Seismic IP Addresses	
MVOM_003	Seismic Stations in use at MVO	Locations and distances from SHV.
MVOM_004	Volcanic Event Subclasses	As used in SEISAN.
MVOM_005	Seismic Data Storage	Servers and directories, temporary arrangements.
MVOM_007	Checks After a System Reboot	
MVOM_008	Seismic Alarm Links	Useful URLs to check if there is a seismic alarm.
MVOM_009	Identifying Small Volcano-Seismic Events Using A Single Close Station	draft
MVOM_010	Manual End of Year Changes to MVO Seismic System	
MVOM_011	MBRV Helicorders for Large VTs	Surprisingly good for quick magnitude estimates.
MVOM_012	Identification of Seismic Events at MVO	draft
MVOM_013	Data and Databases at MVO	draft
MVOM_014	Earthworm Alarms	
MVOM_015	Processing VT Strings	
MVOM_016	Seismic Noise at MVO Seismic Stations	draft
MVOM_017	Useful Scripts and Programs for Processing and Analysing Seismic Data	draft
MVOM_018	Comments on Software and Processing at MVO	
MVOM_019	opsproc2 and opsproc3	Differences between the two processing computers.
MVOM_020	2025 Handover Miscellany	draft
MVOM_021	Documentation for MVO Seismic Monitoring	draft
MVOM_022	MVO Seismic Stations, 2025 and Beyond	draft
MVOM_023	earthworm3	draft
MVOM_024	Seismic Computer Backups	draft
MVOM_025	Plans for Seismic Monitoring, 2025	draft
MVOM_026	Non-Seismic Data Collected	draft
MVOM_027	statusMVOmonitoring	draft
MVOM_028	After a Power Failure	
MVOM_029	The Ops Room Clock	
MVOM_030	Ops Room Computers	List of computers and info.
MVOM_031	SEISAN	draft
MVOM_032	Internet Accounts	List of accounts and passwords.

# Seismic Data Acquisition System

MVOM_001	Ops Room Displays	Managing the display computers in the Ops Room.
MVOM_002	Seismic IP Addresses	
MVOM_003	Seismic Stations in use at MVO	Locations and distances from SHV.
MVOM_005	Seismic Data Storage	Servers and directories, temporary arrangements.
MVOM_007	Checks After a System Reboot	
MVOM_010	Manual End of Year Changes to MVO Seismic System	
MVOM_013	Data and Databases at MVO	draft
MVOM_014	Earthworm Alarms	
MVOM_030	Ops Room Computers	draft

## **Data Processing**

MVOM_004	Volcanic Event Subclasses	As used in SEISAN.
MVOM_012	Identification of Seismic Events at MVO	draft
MVOM_015	Processing VT Strings	
MVOM_017	Useful Scripts and Programs for Processing and Analysing Seismic Data	
MVOM_018	Comments on Software and Processing at MVO	
MVOM_019	opsproc2 and opsproc3	Differences between the two processing computers.
MVOM_031	SEISAN	draft

# Seismology

MVOM_003	Seismic Stations in use at MVO	Locations and distances from SHV.
MVOM_008	Seismic Alarm Links	Useful URLs to check if there is a seismic alarm.
MVOM_009	Identifying Small Volcano-Seismic Events Using A Single Close Station	draft
MVOM_011	MBRV Helicorders for Large VTs	Surprisingly good for quick magnitude estimates.
MVOM_012	Identification of Seismic Events at MVO	draft
MVOM_015	Processing VT Strings	
MVOM_016	Seismic Noise at MVO Seismic Stations	draft
MVOM_017	Useful Scripts and Programs for Processing and Analysing Seismic Data	
MVOM_020	2025 Handover Miscellany	