

**TABULATED GEOHAZARD SUSCEPTIBILITY ASSESSMENT OF THE BARANGAY CENTERS WITHIN THE MUNICIPALITY OF MOLAVI, ZAMBOANGA DEL SUR**

BRGY	MUNICIPALITY	LONGITUDE	LATITUDE	LANDSLIDE SUSCEPTIBILITY RATING	FLOOD SUSCEPTIBILITY RATING	LANDSLIDE REMARKS/RECOMMENDATIONS	FLOOD REMARKS/RECOMMENDATIONS	AS OF	ASSESSED BY/DATA SOURCE
Alicia	MOLAVE	123.462556	8.206639	low (brgy. center); moderate to high (steep valley slopes; riverbank)	moderate to high (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; Observe for saturated ground or seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Develop early warning signal/signage for flood related hazard.	2006	MGB-RO
Ariosa	MOLAVE	123.490806	8.241500	moderate to high (steep ridge slopes; gullies; valley sides)	moderate (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; Observe for saturated ground or seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Develop early warning signal/signage for flood related hazard.	2006	MGB-RO

Bagong Argao	MOLAVE	123.506306	8.201167	low (brgy. center); moderate to high (steep valley slopes; riverbank)	moderate to high (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; Observe for saturated ground or seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Develop early warning signal/signage for flood related hazard.	2006	MGB-RO
Bagong Gutlang	MOLAVE	123.462111	8.241167	moderate to high (steep ridge slopes; gullies; valley sides)	moderate (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; Observe for saturated ground or seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Develop early warning signal/signage for flood related hazard.	2006	MGB-RO

Blancia	MOLAVE	123.493361	8.085611	none (floodplain); high (riverbank erosion)	high	Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; Limit/avoid construction of residential dwellings within the low lying floodplain zone near Salug Diut River; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO
Bogo Capalaran	MOLAVE	123.487472	8.105528	low	moderate (flashflood within creek; gullies)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2006	MGB-RO
Dalaon	MOLAVE	123.507917	8.103639	low	moderate to high (flashflood within creek; gullies)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase/decrease in floodwater level possible accompanied by increase turbidity (soil content); Address and/or improve storm water drainage network; Develop early warning signage/signal for flashflood-related hazard prevention/mitigation.	2006	MGB-RO

Dipolo	MOLAVE	123.486722	8.066500	none (floodplain); high (riverbank erosion)	high	Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; Limit/avoid construction of residential dwellings within the low lying floodplain zone near Dipolo River; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO
Dontulan	MOLAVE	123.508444	8.150000	low to moderate	moderate (flashflood within creek; gullies)	Observe for and/or monitor for presence/progress of mass movement (soil creep; tension cracks) along gully/valley sides; Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2006	MGB-RO
Gonosan	MOLAVE	123.505611	8.169639	low to moderate	moderate (flashflood within creek; gullies)	Observe for and/or monitor for presence/progress of mass movement (soil creep; tension cracks) along gully/valley sides; Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2006	MGB-RO

Culo	MOLAVE	123.472444	8.100306	none (floodplain); high (riverbank erosion)	high	Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; Limit/avoid construction of residential dwellings within the low lying floodplain zone near Parasan River and its distributaries; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO
Lower Dimorok	MOLAVE	123.470806	8.191889	low (brgy. center); moderate to high (steep valley slopes; riverbank)	moderate to high (flashflood within creek; gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; Observe for saturated ground or seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Develop early warning signal/signage for flood related hazard.	2006	MGB-RO

Lower Dimalinao	MOLAVE	123.498667	8.119472	low to moderate	moderate (flashflood within creek;gullies)	Observe for and/or monitor for presence/progress of mass movement (soil creep; tension cracks) along gully/valley sides); Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2006	MGB-RO
Mabuhay	MOLAVE	123.475861	8.108444	low	moderate to high (flashflood within creek;gullies)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase/decrease in floodwater level possible accompanied by increase turbidity (soil content); Address and/or improve storm water drainage network; Develop early warning signage/signal for flashflood-releted hazard prevention/mitigation.	2006	MGB-RO

Madasigon (Pob.)	MOLAVE	123.484139	8.095528	none (floodplain); high (riverbank erosion)	high	Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; Limit/avoid construction of residential dwellings within the low lying floodplain zone near Salu Diut River; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO
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Makuguihon (Pob.)	MOLAVE	123.481139	8.093861	none (floodplain); high (riverbank erosion)	high	Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO
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Maloloy-on (Pob.)	MOLAVE	123.483611	8.098861	none (floodplain); high (riverbank erosion)	high	Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; Limit/avoid construction of residential dwellings within the low lying floodplain zone near Salug Diut River; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO
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Miligan	MOLAVE	123.457000	8.079306	none (floodplain); high (riverbank erosion)	high	Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; Limit/avoid construction of residential dwellings within the low lying floodplain zone near Dipolo River; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO
Parasan	MOLAVE	123.484667	8.126417	low to moderate	seasonally moderate to high (flashflood within creek; gullies)	Observe for and/or monitor for presence/progress of mass movement (soil creep; tension cracks) along gully/valley sides; Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase/decrease in floodwater level possible accompanied by increase turbidity (soil content); Address and/or improve storm water drainage network; Develop early warning signage/signal for flashflood-related hazard prevention/mitigation.	2006	MGB-RO

Rizal	MOLAVE	123.479722	8.076417	none (floodplain); high (riverbank erosion)	seasonally high	Address riverbank scouring; Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention; Limit/avoid construction of residential dwellings within the low lying floodplain zone near Dipolo River; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO
Santo Rosario	MOLAVE	123.512806	8.233639	moderate to high (steep ridge slopes; gullies; valley sides)	moderate (flashflood within creek; gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; Observe for saturated ground or seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network; Develop early warning signal/signage for flood related hazard.	2006	MGB-RO

Silangit	MOLAVE	123.475444	8.229167	low to moderate	low (flashflood within creek;gullies)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2006	MGB-RO
Simata	MOLAVE	123.491972	8.225472	low to moderate	low (flashflood within creek;gullies)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC);	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2006	MGB-RO
Sudlon	MOLAVE	123.503944	8.089139	none to low (brgy center; floodplain)	moderate to high (floodplain of Salug River tributaries)	Observe for presence of mass movement (soil creep); Activate Barangay Disaster Coordinating Council (BDCC);	Address and/or improve storm water drainage network; Observe for rapid increase/decrease in creek/river water levels, possibly accompanied by increased turbidity (soil content); develop an early warning device/system intended for flashflood/sheetflood related hazard prevention;Limit/avoid construction of residential dwellings within the low lying floodplain zone near the river/creek channels; identify relocation/evacuation site; Increase infrastructure ground level to more the one (1) meter from the original ground to reduce if not mitigate the effect of flooding hazard; Activate Barangay Disaster Coordinating Council (BDCC).	2006	MGB-RO

Upper Dimorok	MOLAVE	123.497472	8.209417	low (brgy. center); moderate to high (steep valley slopes; riverbank)	moderate (flashflood within creek;gullies)	Monitor/observe for presence of vertical displacement, and cracks perpendicular to the steep slopes; Observe for saturated ground or seeps in areas that are not typically wet; develop an early warning device/system intended for landslide-related hazard prevention/mitigation; Identify evacuation and/or relocation site; Activate Barangay Disaster Coordinating Council (BDCC).	Observe for rapid increase in floodwater level; Address and/or improve storm water drainage network.	2006	MGB-RO
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