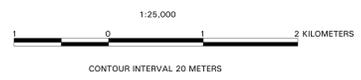


Base from MARN, 2000 meter Universal Transverse Mercator grid lines, zone 18, datum WGS 84.



Digital compilation and cartography by J. Luke Blair. Debris flows mapped by Wieczorek, G.F., Larsen, M.C., Eaton, L.S.

## OBSERVATION AND PHOTOGRAPHIC SITES IN DRAINAGES AFFECTED BY DEBRIS FLOWS IN THE DECEMBER, 1999 STORM IN COASTAL VENEZUELA

By

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**EXPLANATION OF MAP SYMBOLS**

- Extent of December 14-16, 1999 debris flows in select channels, mapped from aerial photographs and field examination.
- Note: Debris flows shown in main channels of drainages visited by USGS-MARN team. Debris flows that occurred in channels of other drainages are not mapped.
- 4-4-16 Field observation site in channel. Measurements are included in appendix B (blue symbols indicate those sites with photographs on accompanying CD-ROM).
- 628 Field observation site of landslide. Measurements are included in appendix A (blue symbols indicate those sites with photographs on accompanying CD-ROM).

