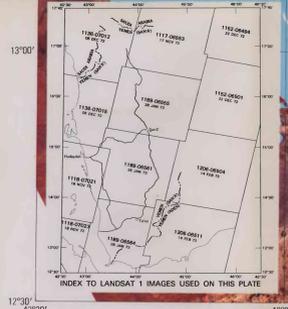


EXPLANATION

- Drainage channel with name. Short dash where channel is inferred. Arrow shows direction of flow. Text explains wadi classifications.
- Drainage channel showing surface-water flow detected on Landsat image. Flow shown by pattern between ticks across channels. Quoted where flow is uncertain.
- Drainage channel showing vegetation detected on Landsat image along drainage channel and valley floor. Vegetation shown by pattern between ticks across channels. Quoted where vegetation is uncertain.
- Area of vegetation detected on Landsat image. Quoted where vegetation is uncertain.
- Placement dome, evaporite (Bald Formation, TX)
- Colapsed caldera (crater)
- Location of mountain or hill, with name and elevation, in meters
- Sabkhat (salt-impregnated marsh)
- Dam
- Populated area, with name and spring location, shown by pattern. Some populated areas are unnamed.
- Paved highway or paved major road (see fig. 1)
- Unsurfaced road
- Track or trail
- **HYDROLOGIC LINE**
- Catchment area boundary line, with name
- **2. W. BANNA**
- Drainage basin boundary line, with name and number. Number is numbered basin in Table 3.
- **7.**
- Unnamed wadi drainage basin boundary, with number. Number is numbered basin in Table 3.
- Line on the channel of Wadi Jawf, Wadi al Dabul and Wadi Alahid separating the north bank and south bank tributaries in the Wadi Jawf valley. This cartographic line is an aid to describe tributary basins on both sides of the valley. The line also serves as a basin boundary in the report.

Names and boundary representation are not necessarily authoritative. Names preceded by asterisk (*) are not verified by the Board on Geographic Names (BGN). The application of BGN-approved geographic names to hydrologic features is informal and not recognized by the BGN.



LANDSAT 1 MOSAIC SHOWING THE FOUR CATCHMENT AREAS, MAJOR DRAINAGE BASINS, AND DRAINAGE NETWORK OF THE YEMEN ARAB REPUBLIC (ŞAN'Ā)