



*A flow-duration curve for daily mean discharges is a cumulative-frequency curve that shows the percentage of days specified discharges were equaled or exceeded during a given time period. Flow-duration curves provide an indication of streamflow variability and availability. Flow-duration curves for streams with a large and persistent component of ground-water inflow generally are flatter than those for streams that have little or no ground-water inflow and, thus, more variable flow rates. Because streams in windward Oahu commonly receive significant ground-water inflow, flow-duration curves of daily discharge for streams in windward Oahu generally are less variable (flatter) for low flows than curves for streams in leeward Oahu.*