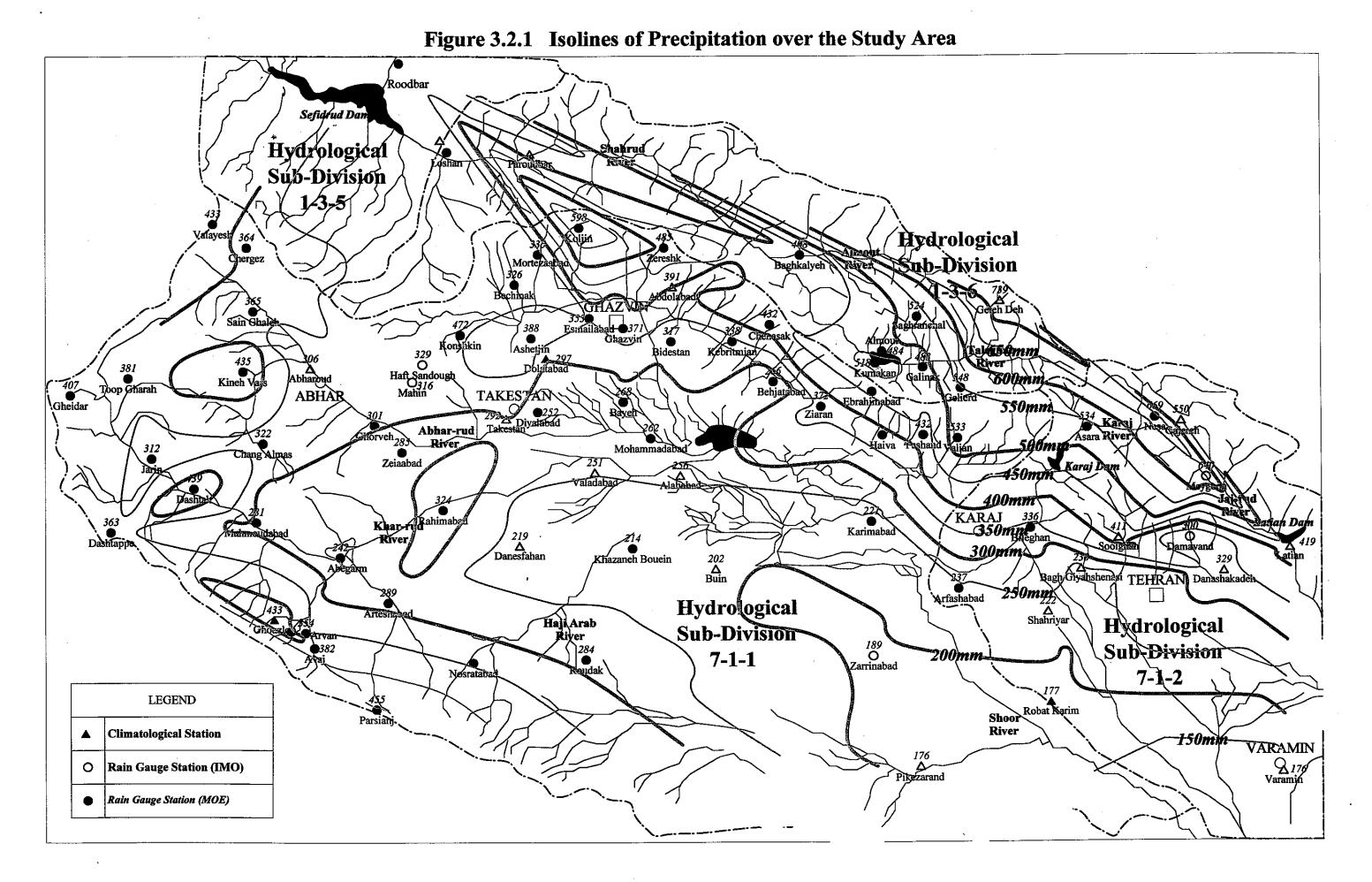
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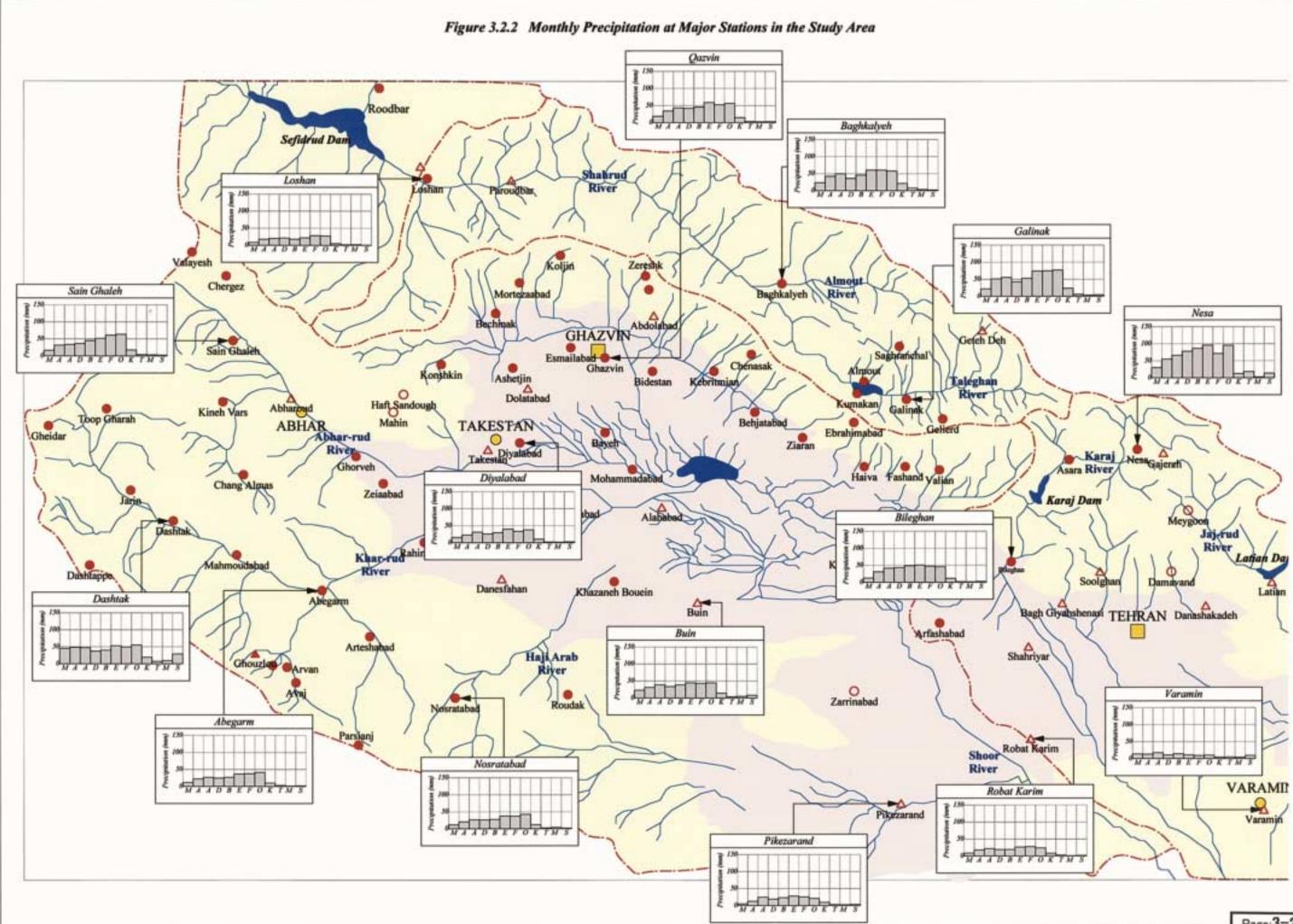
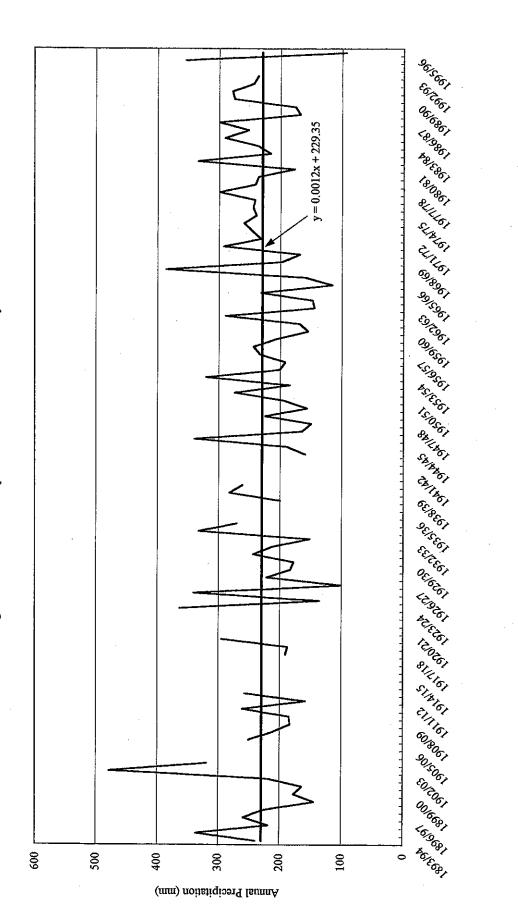
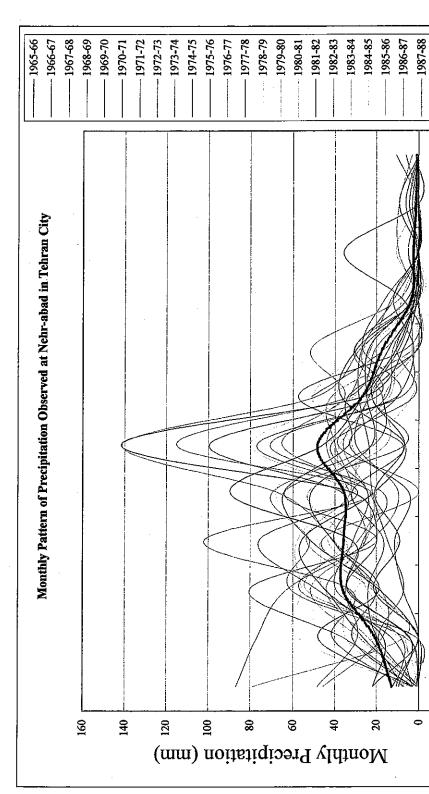


Figure 3.2.3 Long-term Fluctuation of Precipitation at Mehrabad in Tehran City

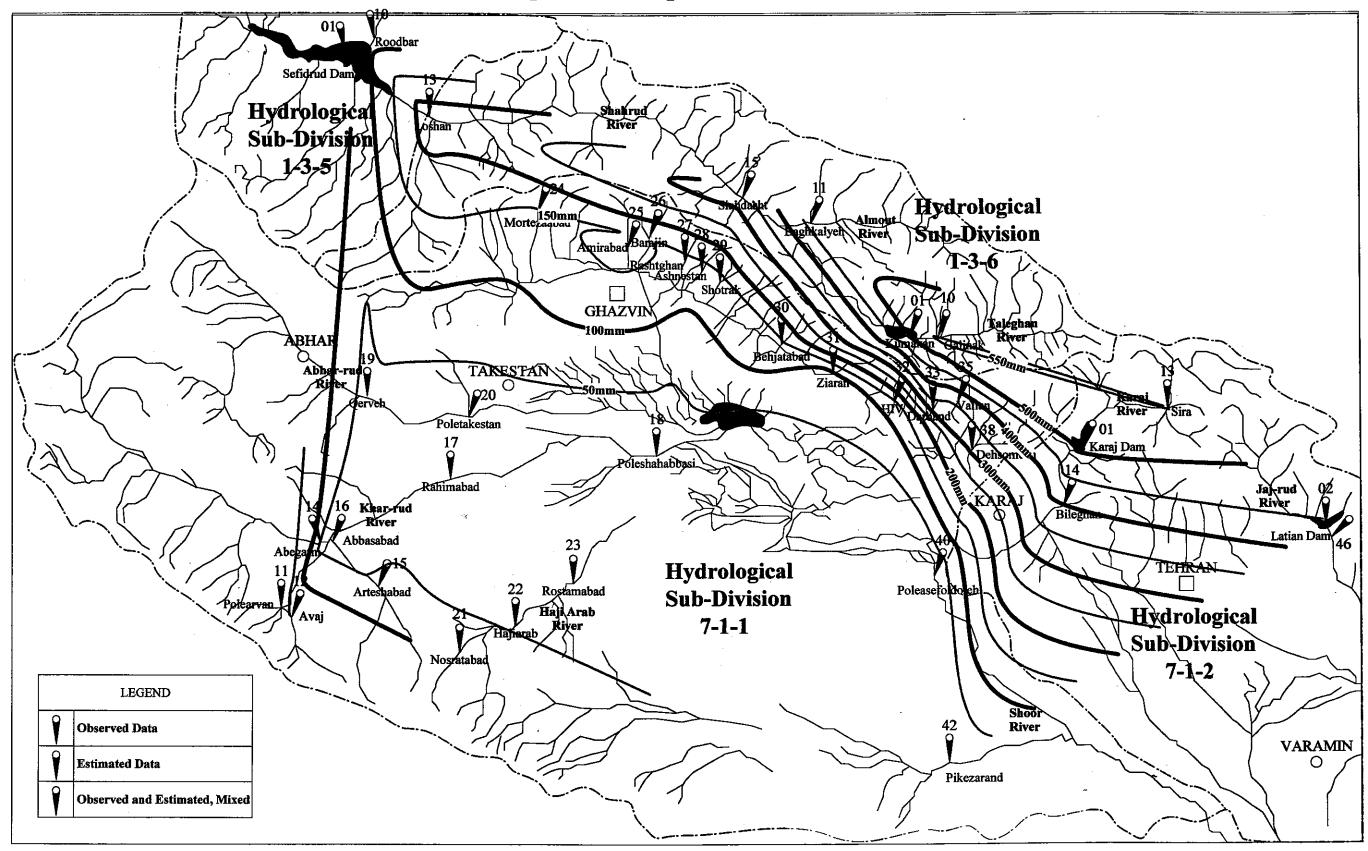
Long-term Fluctuation of Precipitation at Mehrabad in Tehran City

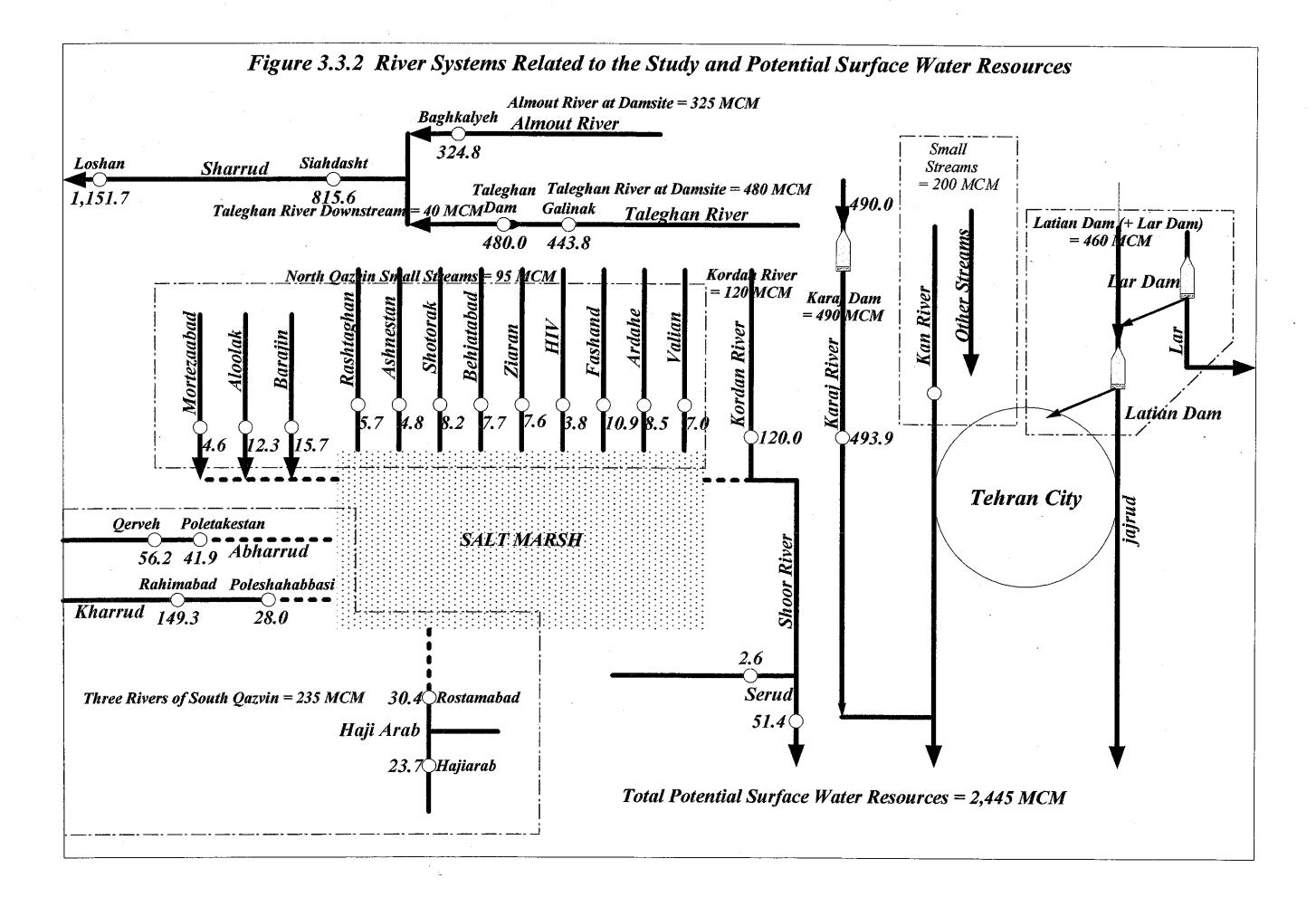


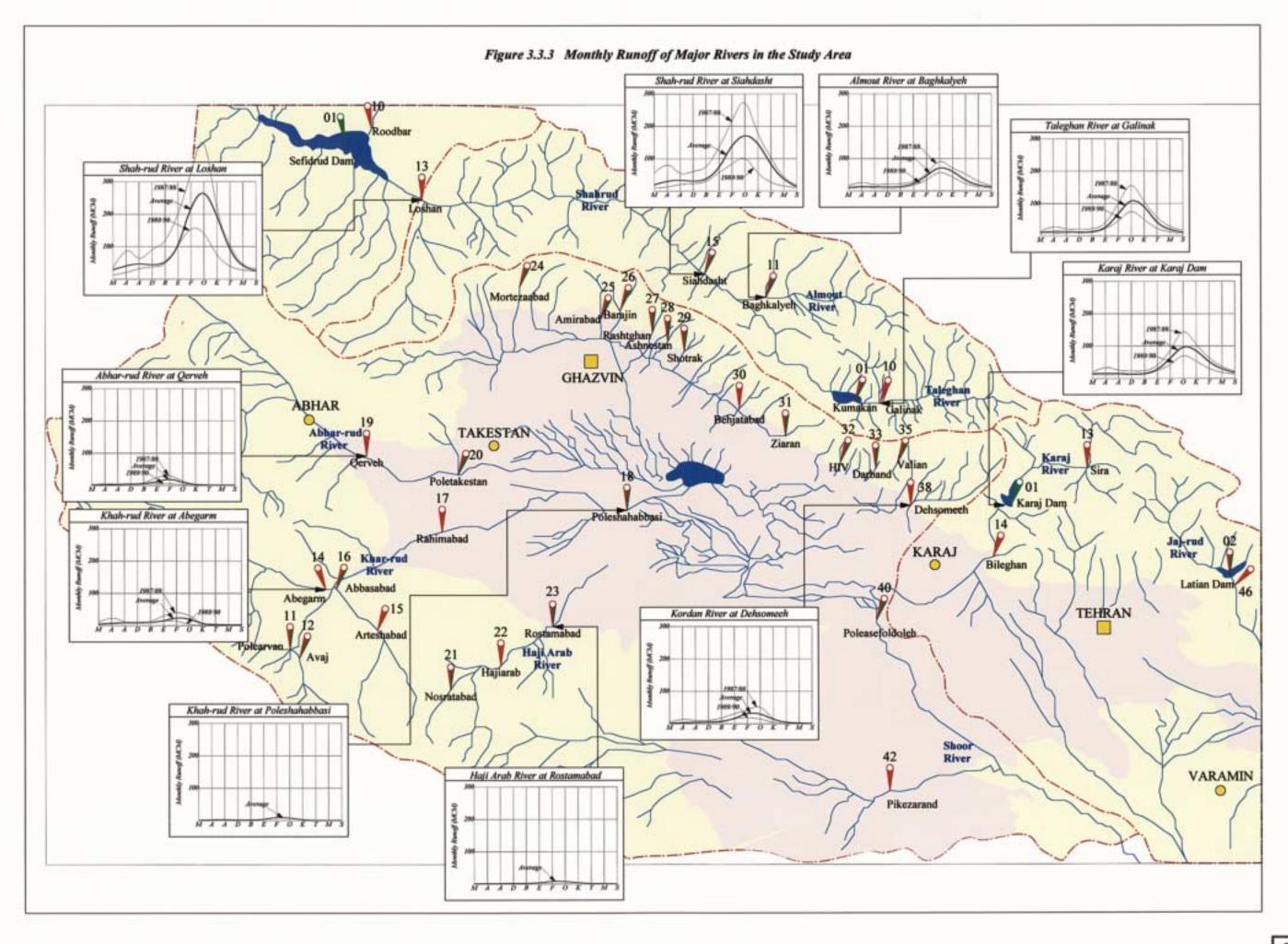












100 200 300 400 600 700 800 Station (sq.km) 500 Taleghan River Galinak 775.0 Almout River Baghkalyeh 678.0 Siahdasht Shah-rud River 2,445.0 Karaj River Karaj Dam 690.0 Kan River Soolaghan Kordan River Dehsomeeh 360.0 LEGEND North Streams (1) Wet Season Flow (Esf. to Tir) Dry Season Flow (Mor. to Bah.) North Streams (2) 1,926.0 2,600.0 4,089.4 Qerveh Poletakestan Abhar-rud River Rahimabad Khah-rud River 5,408.0 560.0 905.0 1 Poleshahabbasi 5,408.0 Haji Arab Haji Arab River Rostamabad Moriczaabad Baghkalyen River Amira Shotrak GHAZVIN Northern Steams (2) Galinak Abhar-rud River TAKESTAN Valian Poletakestan Salt Marsh Northern Streams [1) Dehsomeet mabad KARAJ South Qazvin Three Rivers Khar-rud River LEGEND

Rostamabad

Haji Arab River

Hajiarab

Figure 3.3.4 Seasonal Flow of Major Rivers in the Study Area

Seasonal Runoff (MCM)

SeasonalFlow.mcd

Observed and Estimated, Mixed

Observed Data

Estimated Data

8

Gauging

River

Major Sources of Water

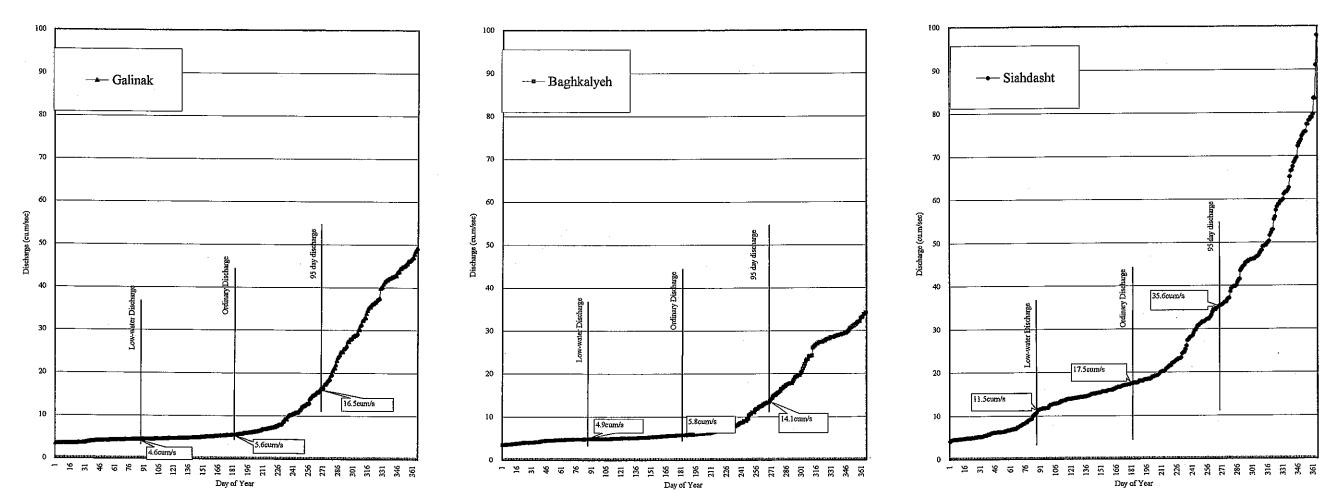
Small Rivers and Streams

South Qazvin Three Rivers C. A.







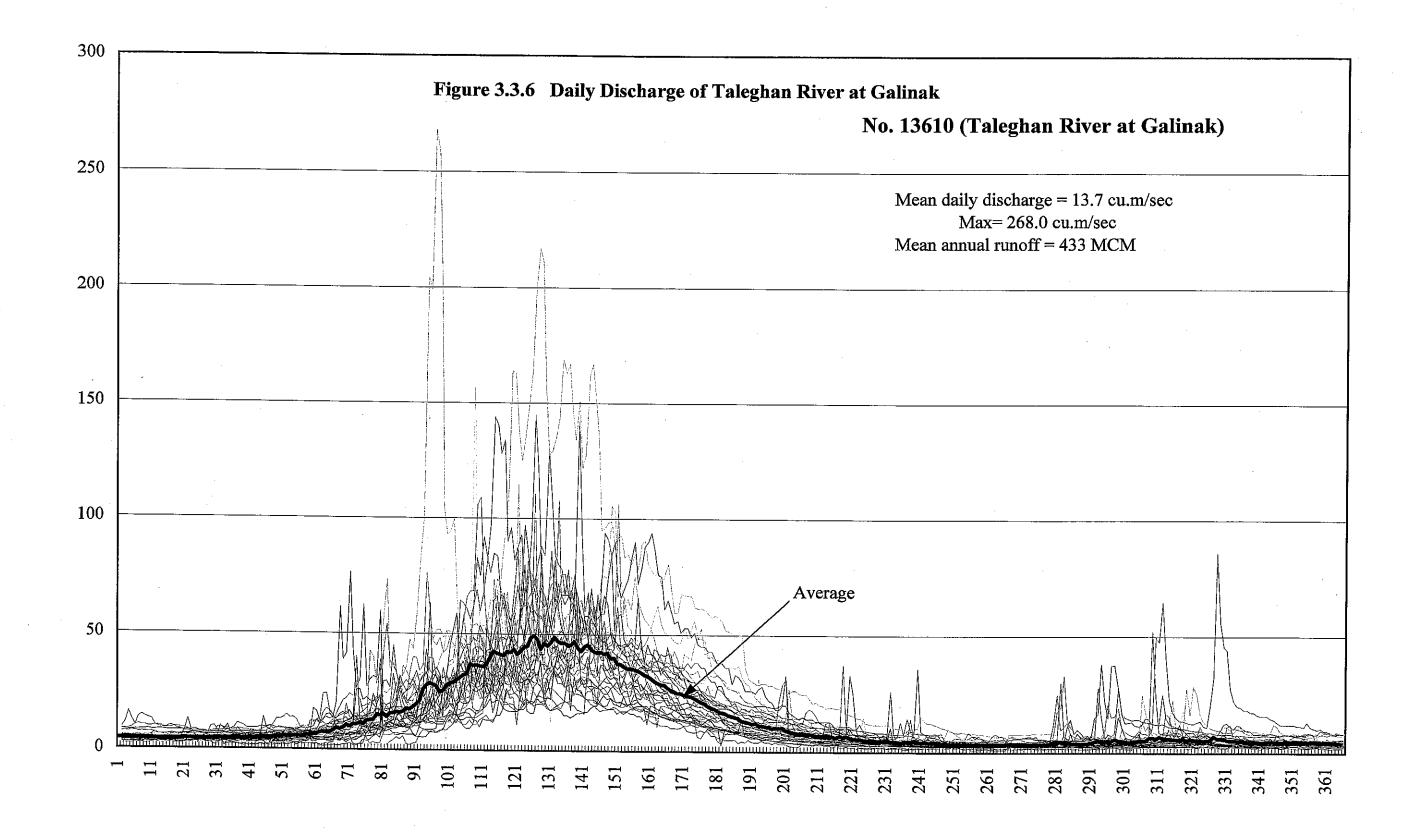


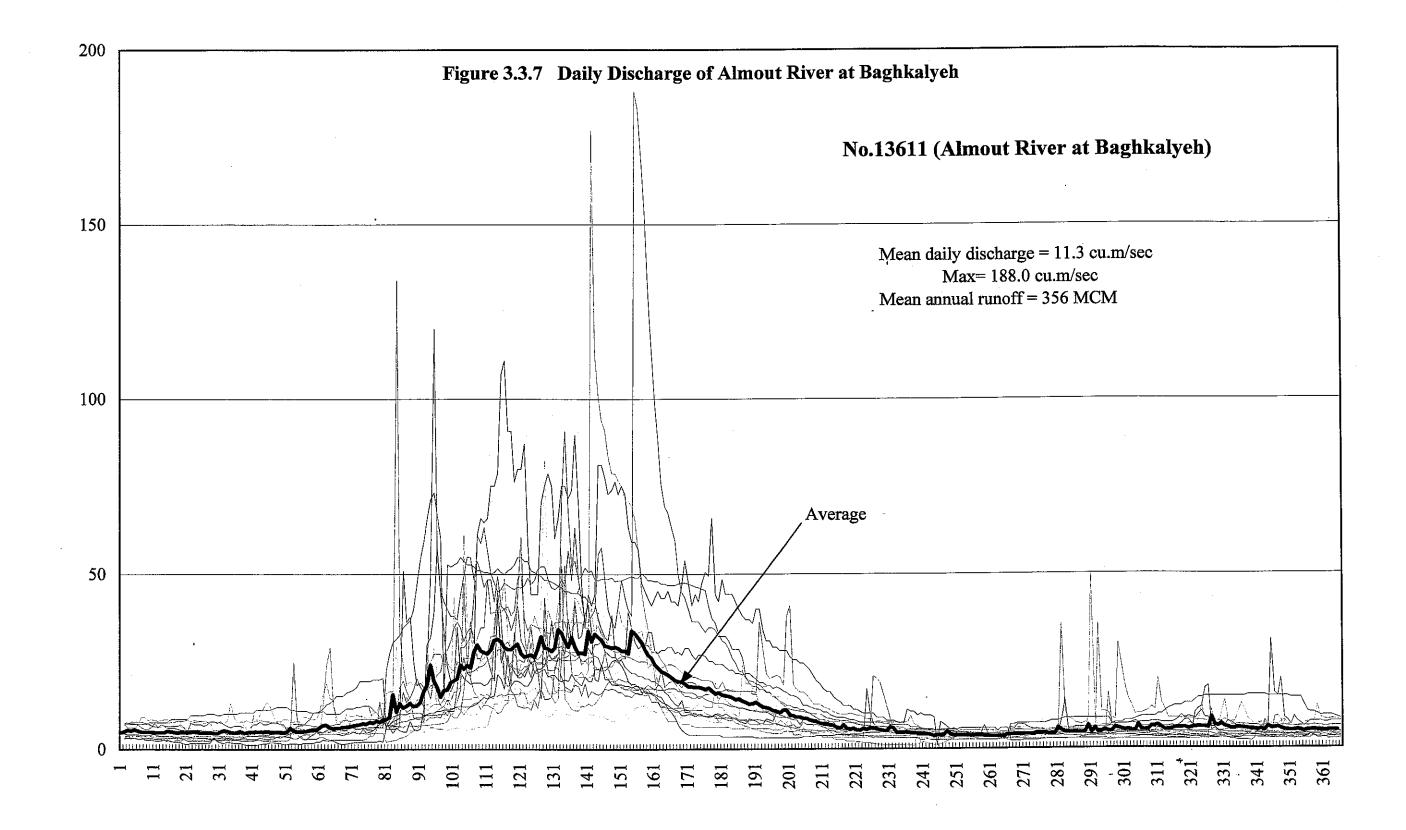
Flow Regime of Almout River at Baghkalych

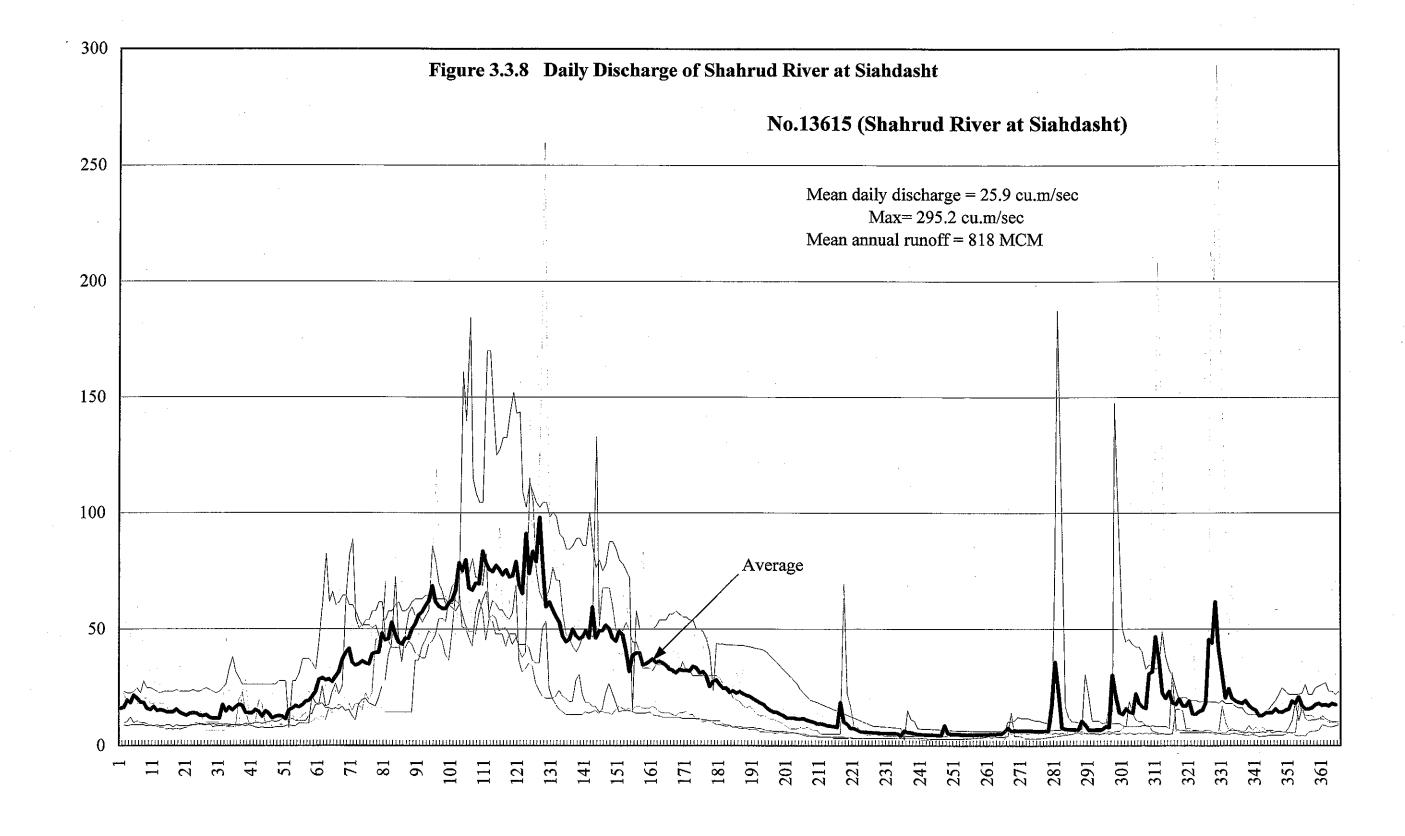
Figure 3.3.5 Flow Regime of Three Rivers, Taleghan, Almout and Shah-rud Rivers

Flow Regime of Taleghan River at Galinak

Flow Regime of Shah-rud River at Siahdasht

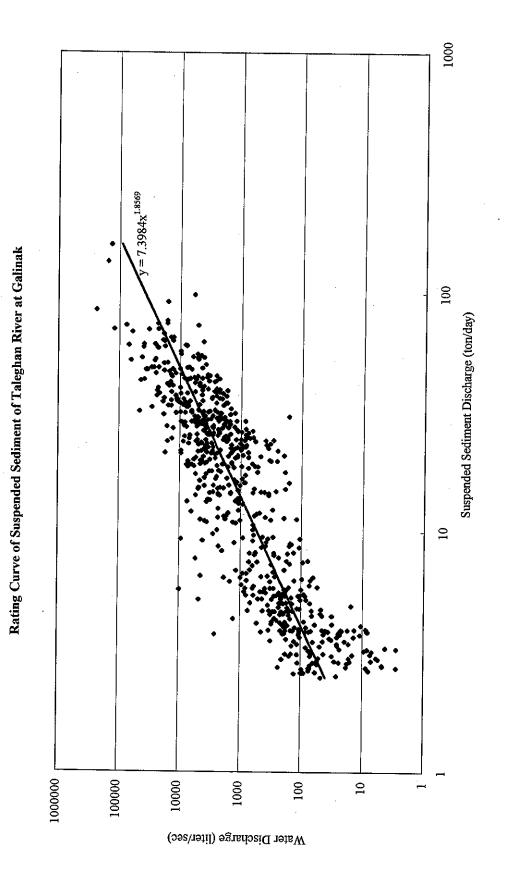




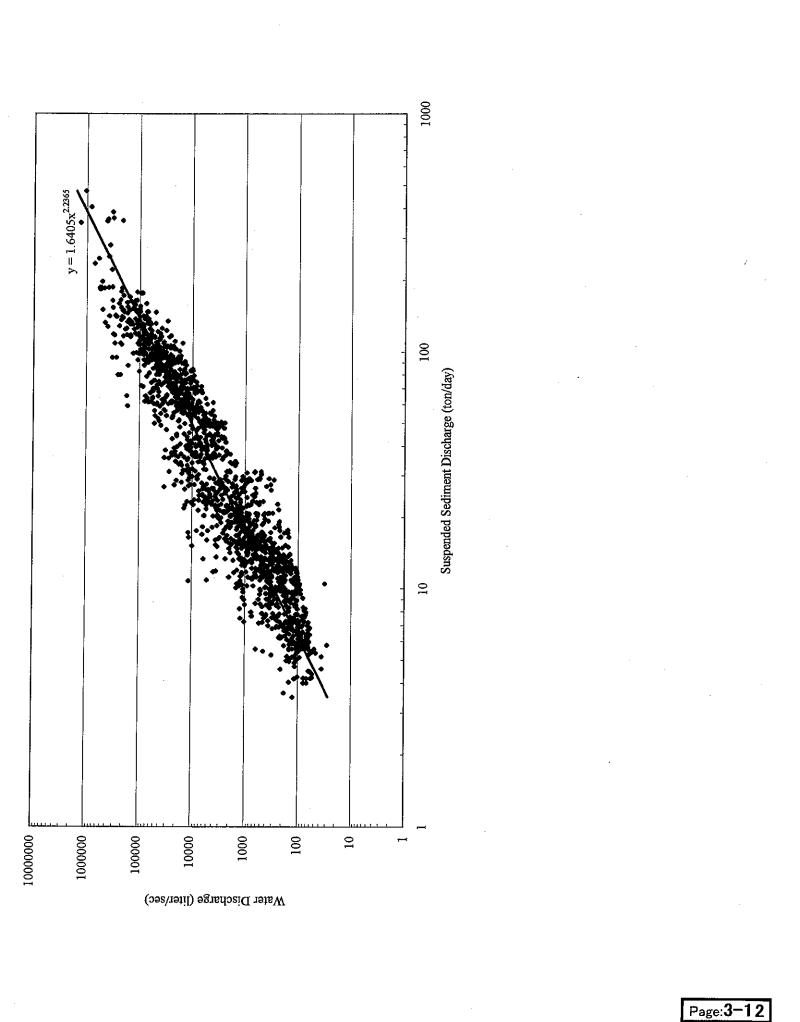


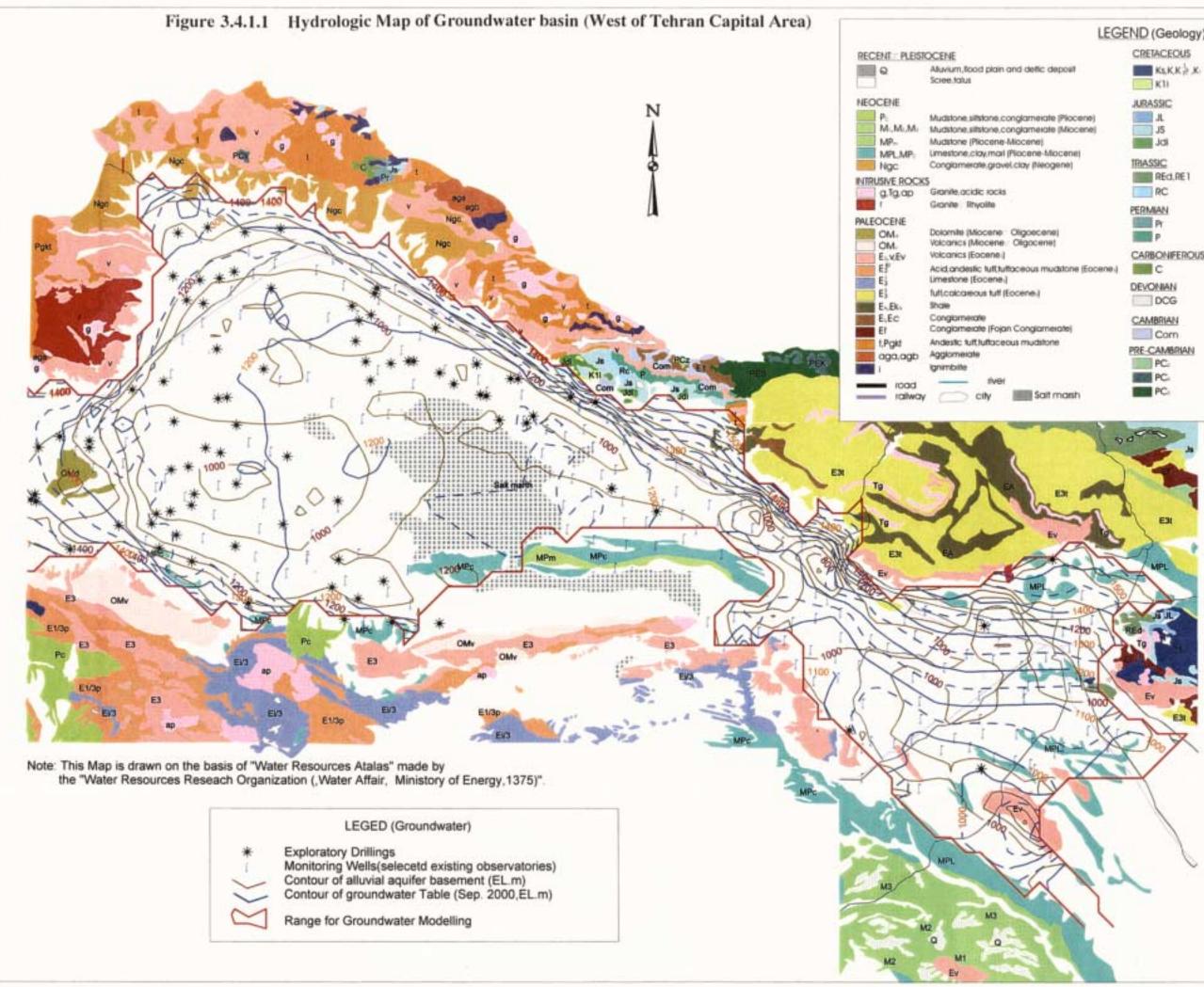
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Figure 3.3.9 Rating Curve of Suspended Sediment of Taleghan River at Galinak and Shsh-rud River at Loshan



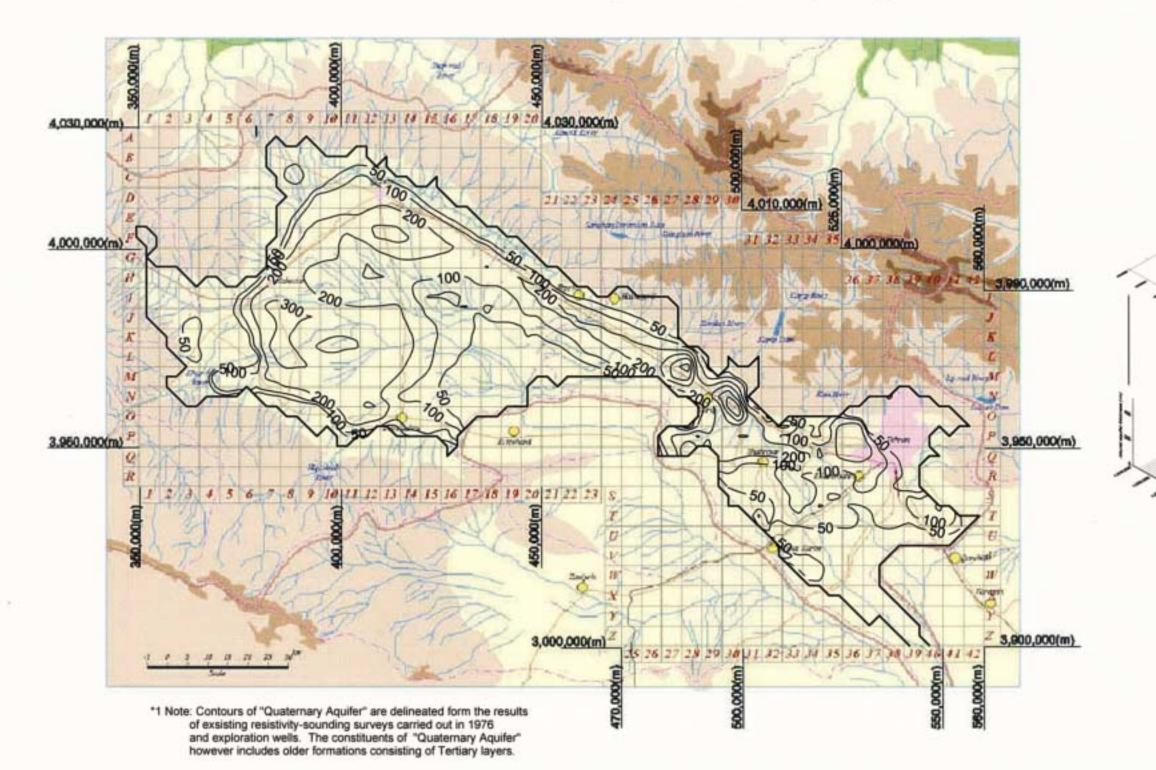






LEG	END (Geology)	
	CRETACEOUS	
	KLKK .K	Limestone
	K11	Mail
	JURASSIC	
100)	JL [[[[]]]	Lor Imestone
ine)	J5	Mari
	TOI	Shole-sandstone
	TRIASSIC	
	REd, RE1	Dolomite
	RC	Dolomite. Imestone(Limestone.Elican Formation)
	PERMIAN	
	Pr	Limeitone
	P	Limestone.andstone.quartitle
	CARBONIFEROUS	
(Eocene-)	C	Limestone.sondstone.shale
	DEVONIAN	
	DCG	Volcanics.dolomitic Imestone
	CAMBRIAN	
	Com	Limestone
	PRE-CAMBRIAN	
	PC:	Red sandstone.shale(Zaigun & Barut Formation)
	PC.	Dolomile (Kahar Formation)
	PC:	Dolomile(Sotionieh Dolomite)

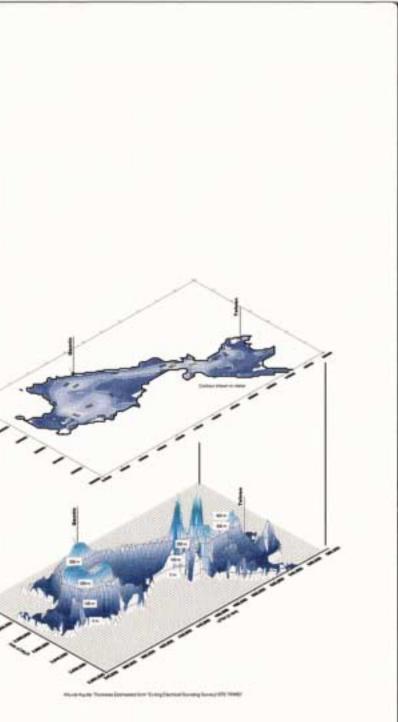




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Figure 3.4.1.2 Alluvial Aquifer Depth

(iso-thickness contours in meters)



3D View of Allunial Aquifer Depth of Study Area



