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(Dreybrodt 1988; Zuber and Motyka 1996)

مقدمه

(Ford and Williams 1989)

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(Jenning 1985; White 1988)

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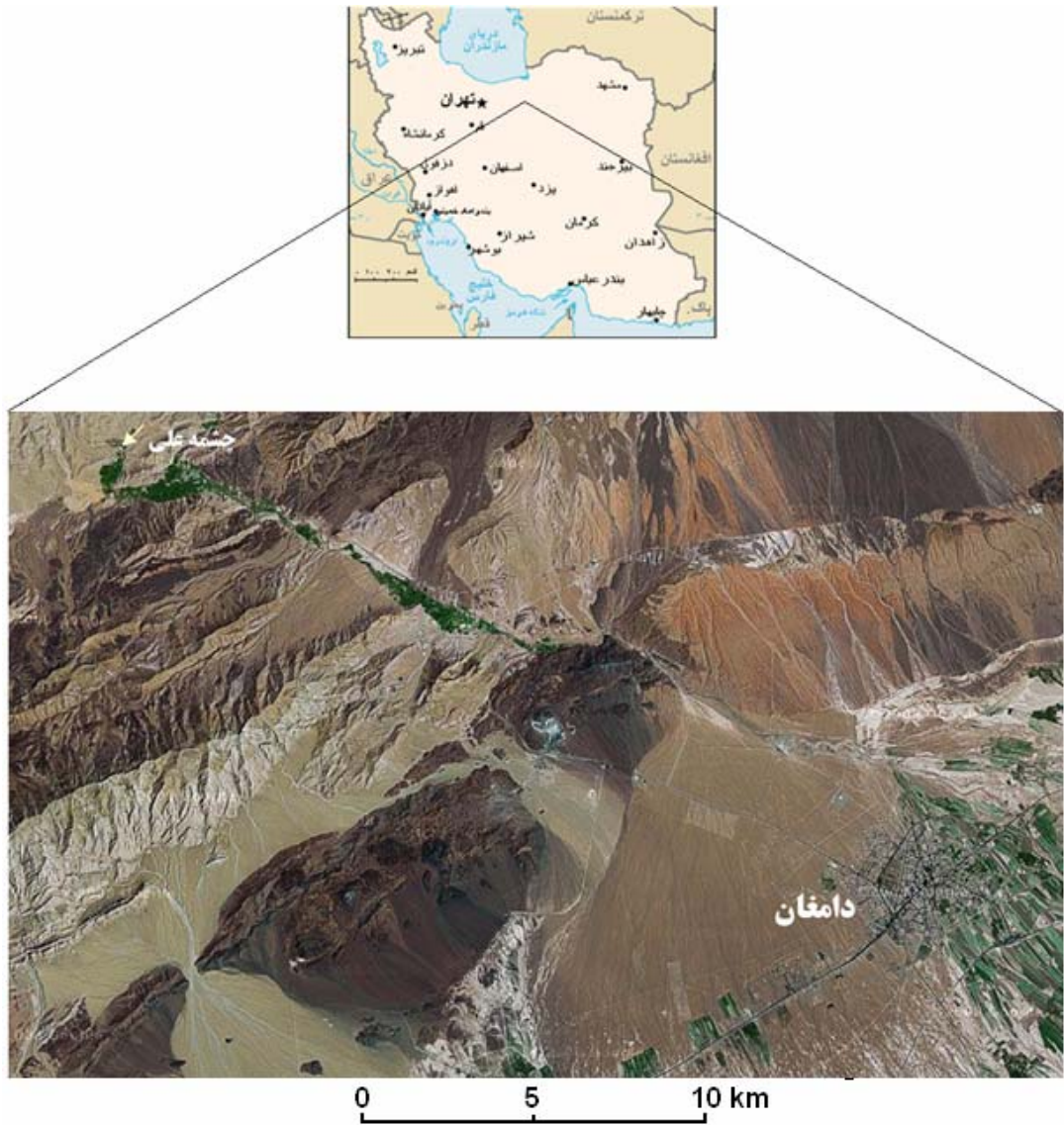
(Ford and Williams 1989)

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(Ahmadipour 1999)

(White 1988, Eisenlohr et al. 1999, Veni 2008)

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(Google Earth)

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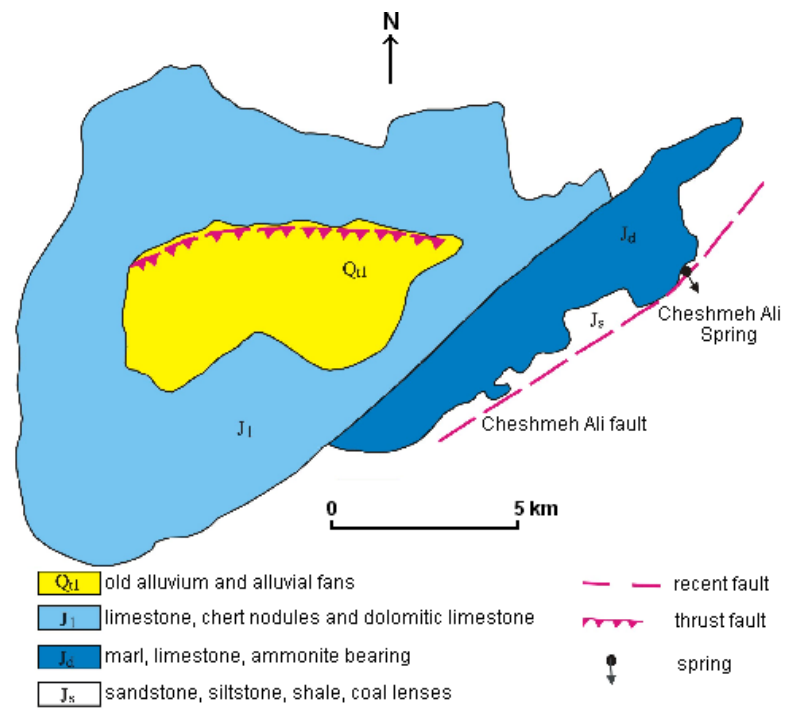
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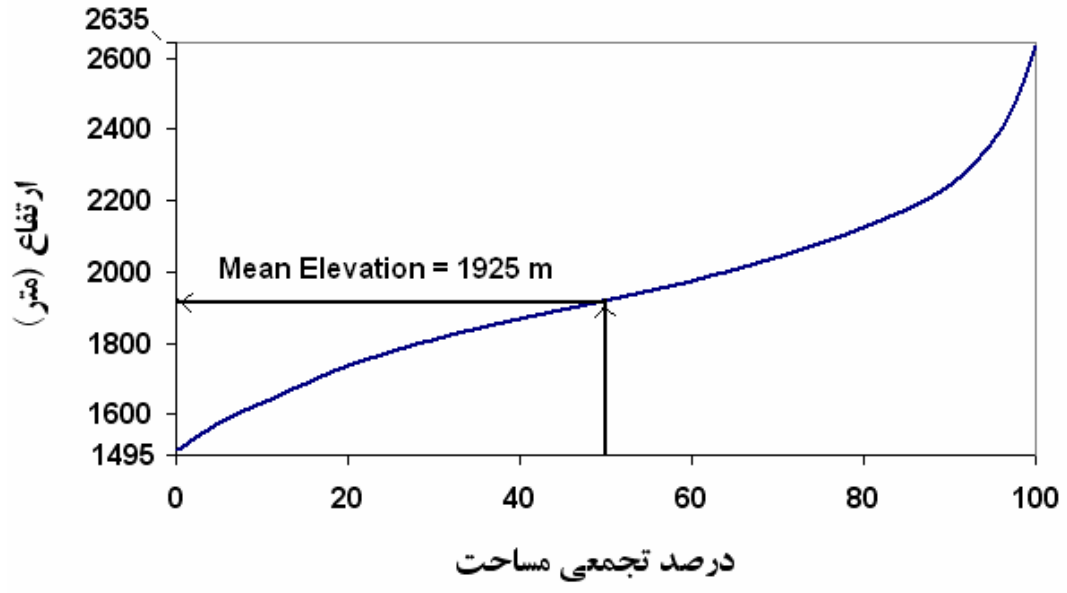
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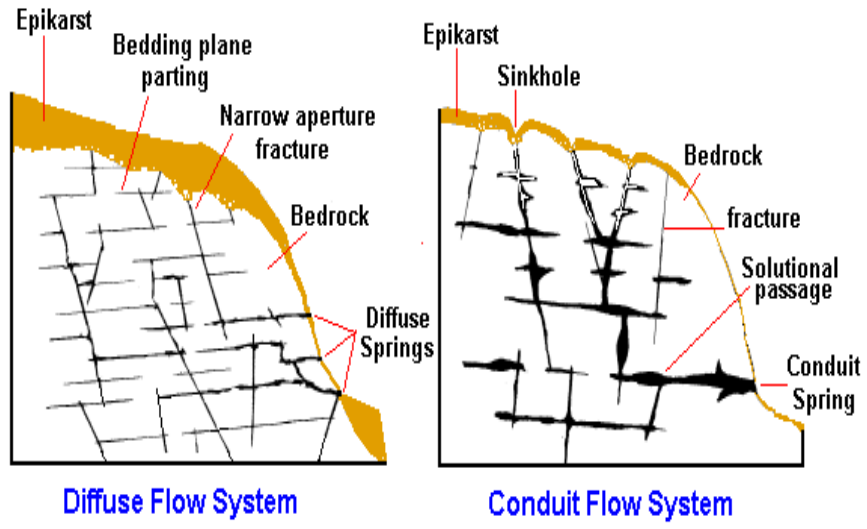
(Shuster and White 1971; 1972)

Atkinson 1977; Quinlan et al. 1991; Drew et al.)

(1996

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- 1- Conduit flow
 - 2- Diffuse flow

(Jacobson and Langmuir 1974)



(Karami 2002)

:(Milanovic 1981)

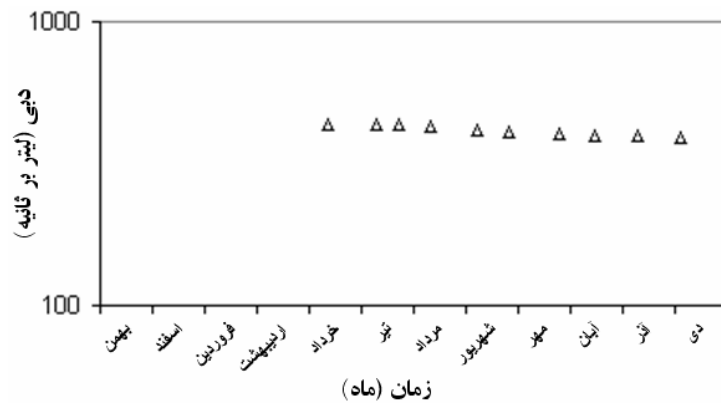
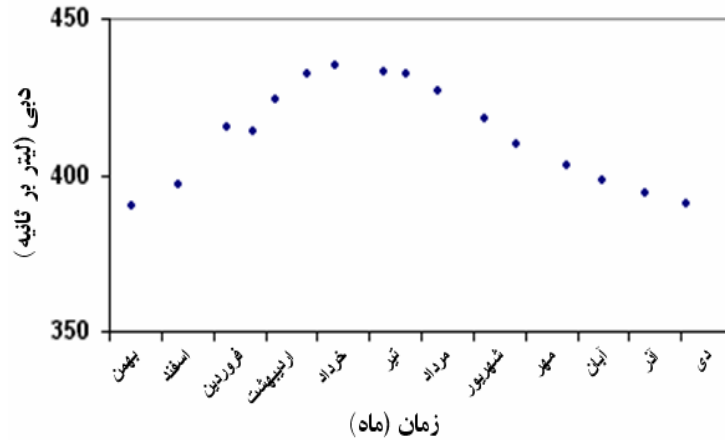
$$\alpha = \frac{\log Q_0 - \log Q_t}{0.4343(t - t_0)} \quad ()$$

Q_t Q_0 α

t_1 t_0

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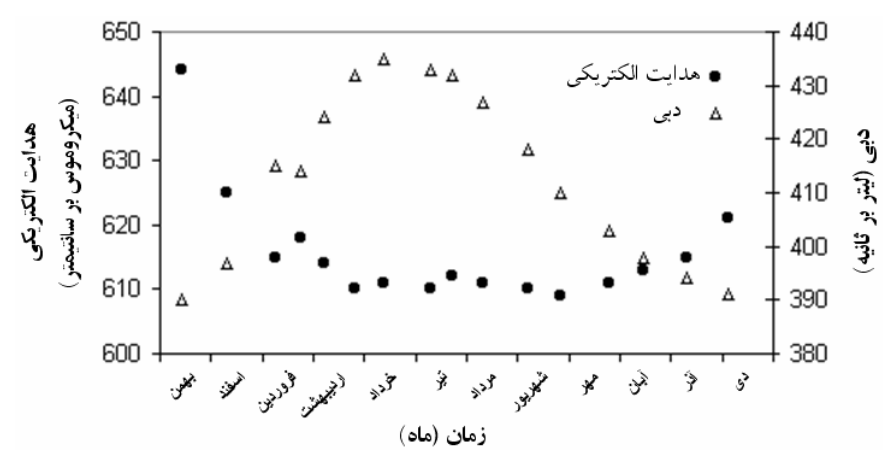
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$$5.2 \times 10^{-4}$$

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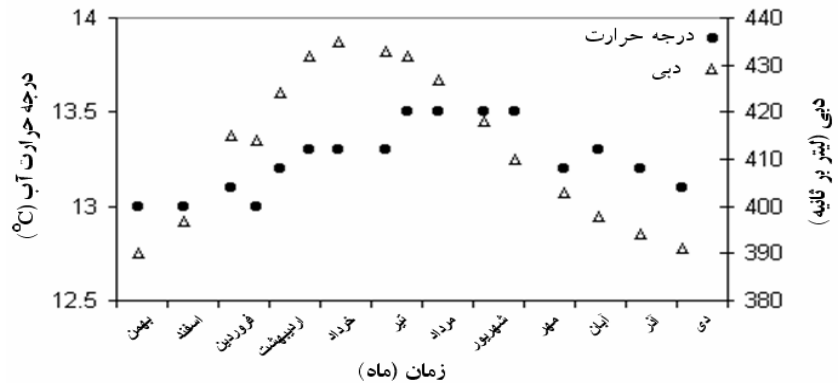
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