



[Rakhshan@shirazu.ac.ir](mailto:Rakhshan@shirazu.ac.ir)  
[Alivaghefi2000@yahoo.com](mailto:Alivaghefi2000@yahoo.com)

(Mini and Micro Hydropower Stations)

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. [ Miller ]

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$(m^3 / s)$

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$$Q_T^P = 1.655 A^{0.7} \quad ( )$$

$(m^3 / s)$

$(km^2)$

$: Q_T^P$

$: A$

$(m^3 / s)$

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	$(m^3 / s)$	A ( )
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(45.5) . ( )  
 ( ) km<sup>2</sup>  
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$$Q_m = Q_T^P (1 + 2.66A^{-0.3}) \quad ( )$$

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 (m<sup>3</sup> / s) : Q<sub>m</sub>  
 (m<sup>3</sup> / s) : Q<sub>T</sub><sup>P</sup>  
 (km<sup>2</sup>) : A

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 (CN)  
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(m<sup>3</sup> / s)

T	(m <sup>3</sup> / s)	(m <sup>3</sup> / s)
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$$S = \frac{1000}{CN} - 10 \quad ( )$$

$$Q = \frac{(P - 0.2S)^2}{(P + 0.8S)} \quad ( )$$

$$t_p = 0.7t_c \quad ( )$$

$$Q_p = \frac{484A}{t_p} Q \quad ( )$$

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(in) : S  
 (in) : Q  
 (in) : P  
 (mile<sup>2</sup>) : A  
 (hr) : t<sub>p</sub>  
 (hr) : t<sub>c</sub>  
 (cfs) : Q<sub>p</sub>

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(m <sup>3</sup> / km <sup>2</sup> )	(m <sup>3</sup> ) (V)	(T <sub>b</sub> ) (hr)	(hr) (T <sub>p</sub> )	(m <sup>3</sup> / s) (Q <sub>p</sub> )	(year)
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$(m^3 / km^2)$	$(m^3) (V)$	$(T_b)$ (hr)	(hr) $(T_p)$	$(m^3 / s) (Q_p)$	(year)
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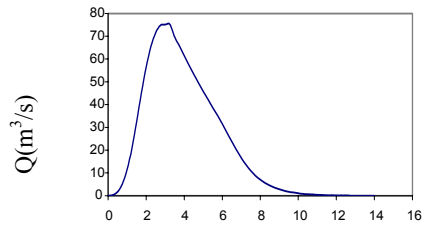
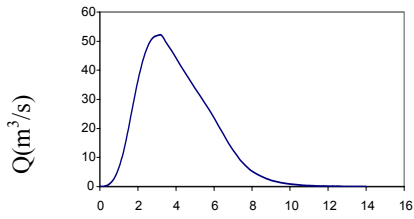
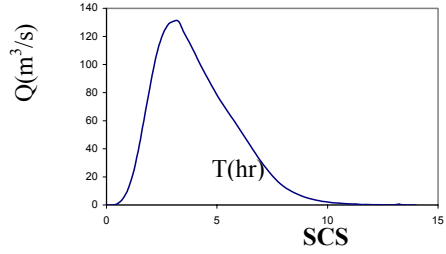
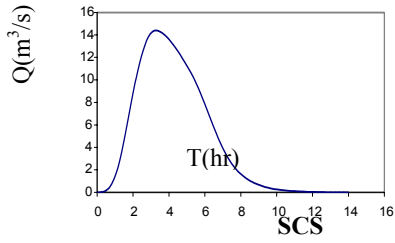
$(m^3 / km^2)$	$(m^3) (V)$	$(T_b)$ (hr)	(hr) $(T_p)$	$(m^3 / s) (Q_p)$	(year)
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$(m^3 / km^2)$	$(m^3) (V)$	$(T_b)$ (hr)	(hr) $(T_p)$	$(m^3 / s) (Q_p)$	(year)
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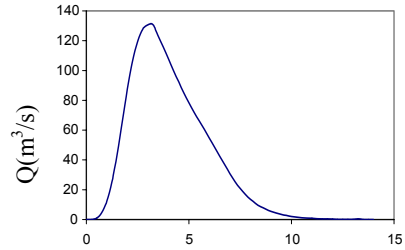
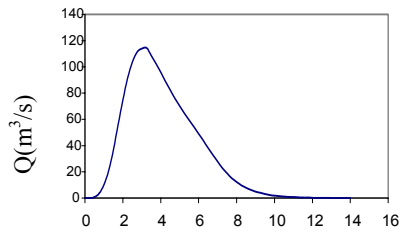
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$(m^3 / km^2)$	$(m^3) (V)$	$(T_b)$ (hr)	(hr) $(T_p)$	$(m^3 / s) (Q_p)$	(year)
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IDF

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