



TRIBUTARY DRAINAGE AREAS
Scale: 1" = 1000'

Drainage Basin	Runoff Coef. (C)	Intensity in./hrs. (I)	Area Acs. (A)	Runoff cfs. (Q)	
1	0.30	5.0	197	453	
1A		6.0	50	135	
2		6.8	105	278	
3			1120	4212	Kapulena Gulch
4		6.8	130	345	
5			4237	8628	Waikoloa Stream
6		6.6	73	168	
7		3.8	426	631	Vaialeale Gulch
8		6.9	51	137	
9		5.6	121	264	
10		4.4	320	565	
11		5.4	154	324	
12			8747	13,707	Waipunahe Gulch

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HYDROLOGY

Honokaa Waipio Road
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