

## HP-35s Calculator Program – RAINFALL EXCESS & VOLUME OF DIRECT RUNOFF

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Line	Instruction	Process	User Instruction
E001	LBL E	Establishing the library (E for excess)	
E002	CLΣ		
E003	RAINFALL EXCESS		
E004	PSE	Short Pause	
E005	+ VOL DRECT RNOF		
E006	PSE	Short Pause	
E007	WATERSHED AREA		
E008	PSE	Short Pause	
E009	IN SQ MILES		
E010	PSE	Short Pause	
E011	INPUT A	Prompt for input	
E012	PHI INDES UNIF		
E013	PSE	Short Pause	
E014	LOSS RATE		
E015	PSE	Short Pause	
E016	INPUT F	Prompt for input	
E017	TIME INTERVAL		
E018	PSE	Short Pause	
E019	INPUT T	Prompt for input	
E020	GTO E023		
E021	NEXT RI MEASUR		
E022	PSE	Short Pause	
E023	RAIN INTNS I+H		
E024	PSE	Short Pause	
E025	INPUT R	Prompt for input	
E026	RCL F	Process Data	
E027	x>y?		
E028	XEQ EO39		
E029	-		
E030	RCL T		
E031	x		
E032	Σ+		
E033	ADD MORE		
E034	PSE	Short Pause	
E035	INPUT Y	Prompt for input (decision) – 1 for yes, 0 for no.	
E036	x≠0?	Process Data	
E037	GTO E021		
E038	GTO E046		
E039	0		
E040	Σ+		
E041	ADD MORE	Prompt for input (decision)	
E042	PSE	Short Pause	
E043	INPUT Y	1 for yes, 0 for no	
E044	x≠0?		
E045	GTO E021		
E046	VOL RAINF EXCS		
E047	PSE	Short Pause	
E048	Σx	Process Data	
E049	STO P		
E050	VOL DIR RUNOFF		
E051	VIEW P	Viewing Volume	
E052	PSE	Short Pause	
E053	SUM Q IN CFS		
E054	PSE	Short Pause	
E055	INPUT Q	Prompt for input	
E056	RCL T	Process Data	
E057	x		
E058	3600		
E059	x		

E060	STO V		
E061	VOL FT^3		
E062	PSE	Short Pause	
E063	VIEW V		
E064	DIRECT RUNOFF		
E065	PSE	Short Pause	
E066	DEPTH (IN)		
E067	PSE	Short Pause	
E068	RCL A	Process Data	
E069	2323200		
E070	×		
E071	÷		
E072	STO R		
E073	VIEW R		
E074	STOP		