

APPENDIX C
PRECIPITATION RECORDS

PRECIPITATION RECORDS

1.0 GENERAL DISCUSSION

Table C -1 lists the 8 stations of the National Oceanic and Atmospheric Administration, National Weather Bureau which are within a 20 mile radius of the study area and lists total precipitation in inches for each station for the time periods indicated. Figure C-1 shows these stations in relation to the study area.

Figure C-2 shows a plot of average precipitation in inches computed from the Stations on Figure C-1, observed flow at current meter gaging station No.3, and the sum of all monitored discharges versus time. Although some correlation is evident, factors previously noted preclude direct correlation (Appendix B-1).

Average annual rainfall used in calculating Surface Water Remaining Derry Station - 46.81 inches, Donegal Station - 49.30 inches.

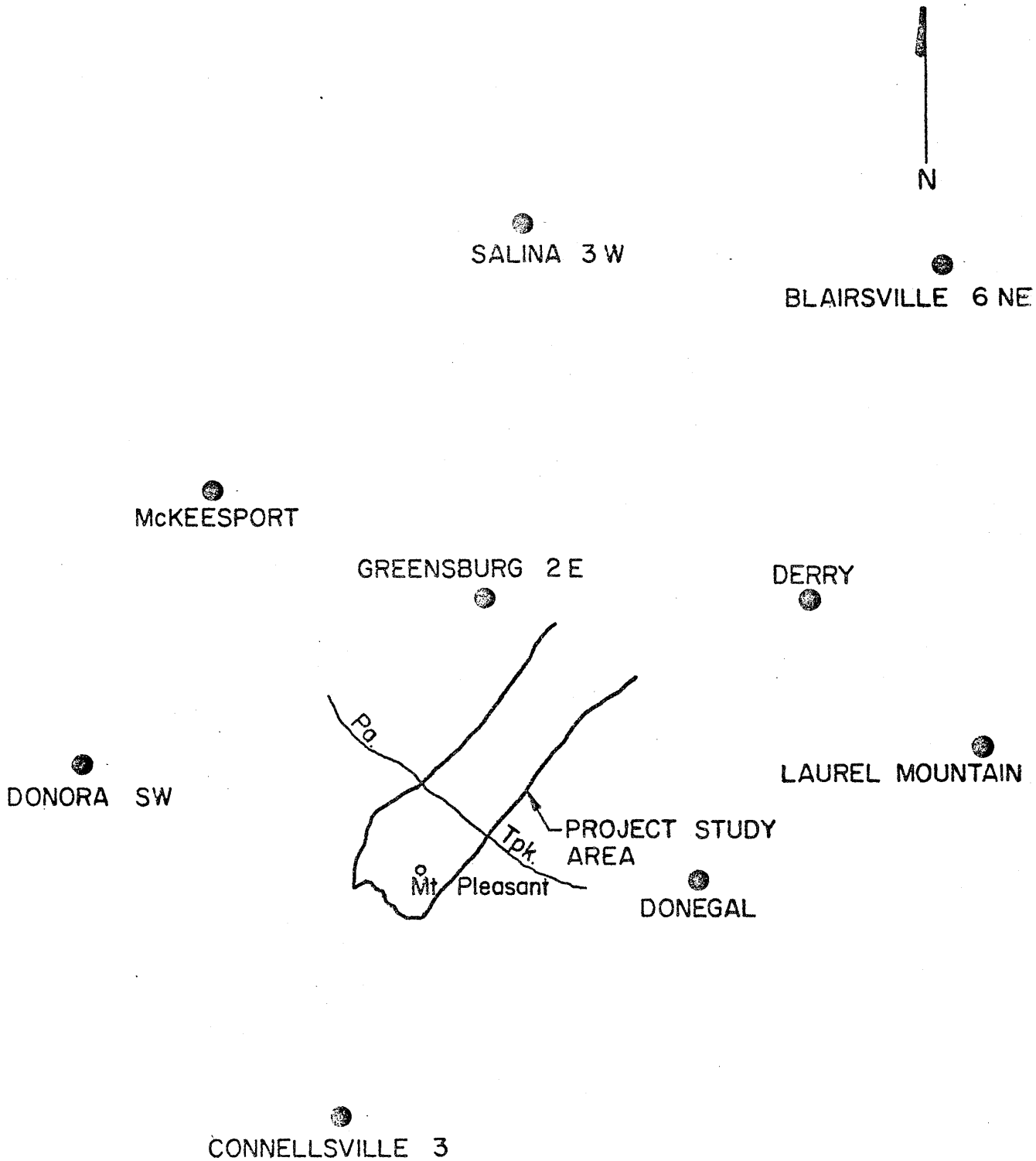
The Derry Station was not used in Table C-1 because it was only used in the above calculation.

TABLE C-1 RAINFALL AND PRECIPITATION IN INCHES

	Greensburg 2 West	Salina 3 West	McKeesport	Donora Southwest	Connells- ville 3	Donegal	Laurel Mt. State Prk.	Blairs- ville 6NE	AVG.
20 Oct. to									
20 Nov.	N.R.	4.42	3.30	2.42	6.21	4.87	5.11	4.07	4.34
21 Nov. to									
20 Dec.	4.40	4.35	3.37	3.54	3.76	4.84	6.01	3.72	4.25
21 Dec. to									
22 Jan.	3.82	2.87	4.58	4.50	4.51	6.08	4.92	3.51	4.35
23 Jan. to									
27 Feb.	2.06	2.70	3.00	2.06	2.25	2.30	2.64	2.57	2.45
28 Feb. to									
21 March	3.41	4.45	3.72	2.53	1.98	2.67	2.36	4.89	3.25
22 March to									
22 April	N.R.	2.54	3.37	3.28	2.78	4.12	1.48	3.81	3.05
23 April to									
23 May	N.R.	4.23	5.55	4.95	4.80	6.59	N.R.	4.93	5.18
24 May to									
20 June	N.R.	3.90	4.28	3.33	2.99	5.07	N.R.	5.15	4.12
21 June to									
22 July	N.R.	5.48	3.85	5.28	8.32	6.80	N.R.	6.33	6.01
23 July to									
21 August	N.R.	2.96	2.49	2.89	3.36	3.39	N.R.	4.17	3.21
22 August to									
19 Sept.	N.R.	4.99	5.21	7.52	6.66	6.09	N.R.	8.49	6.49
20 Sept. to									
22 Oct.	N.R.	3.52	3.17	4.87	4.18	4.72	N.R.	5.59	4.34

NR - Not Reported

WEATHER STATIONS SURROUNDING PROJECT STUDY AREA



NOT TO SCALE

Figure C-1

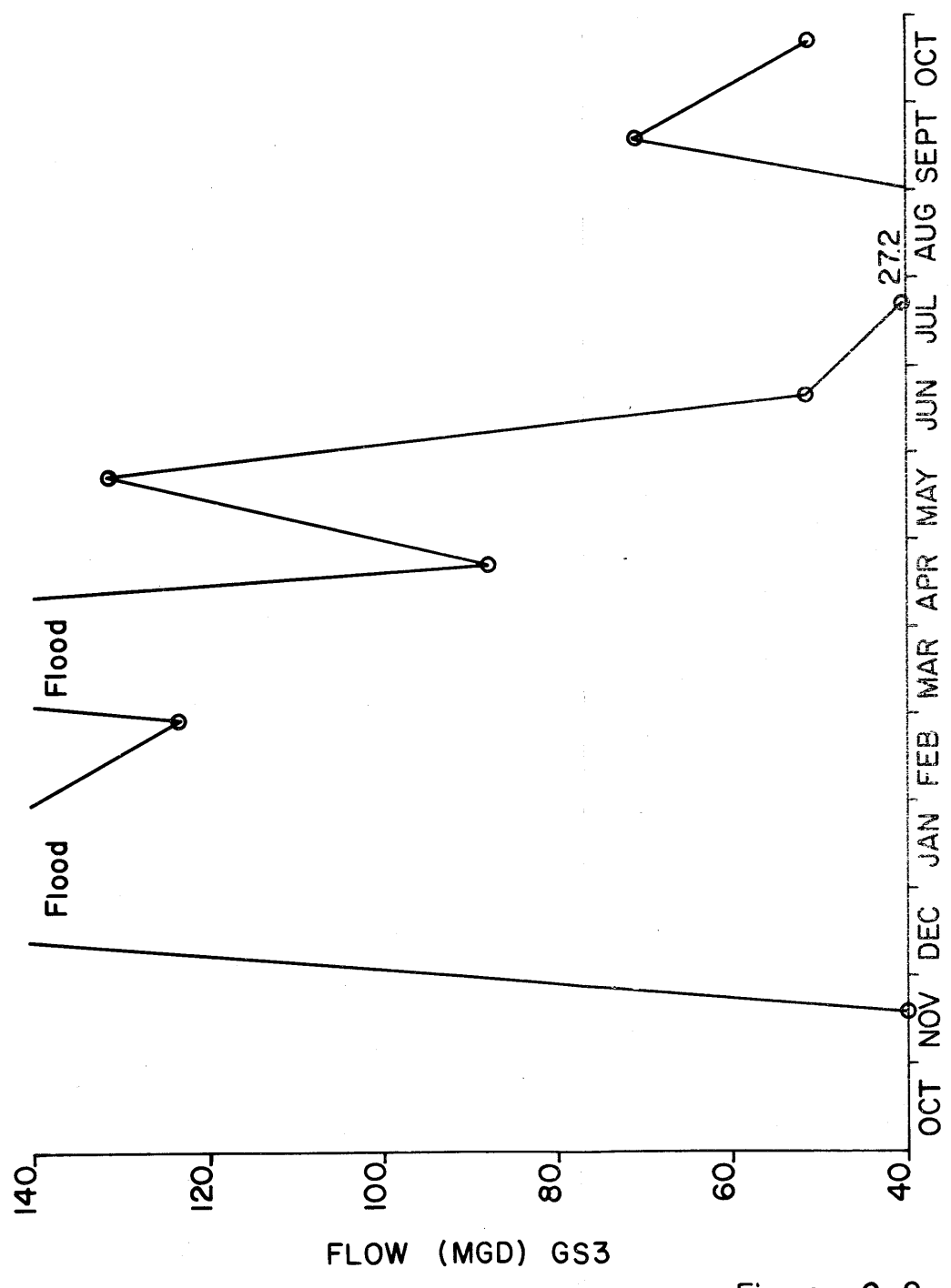
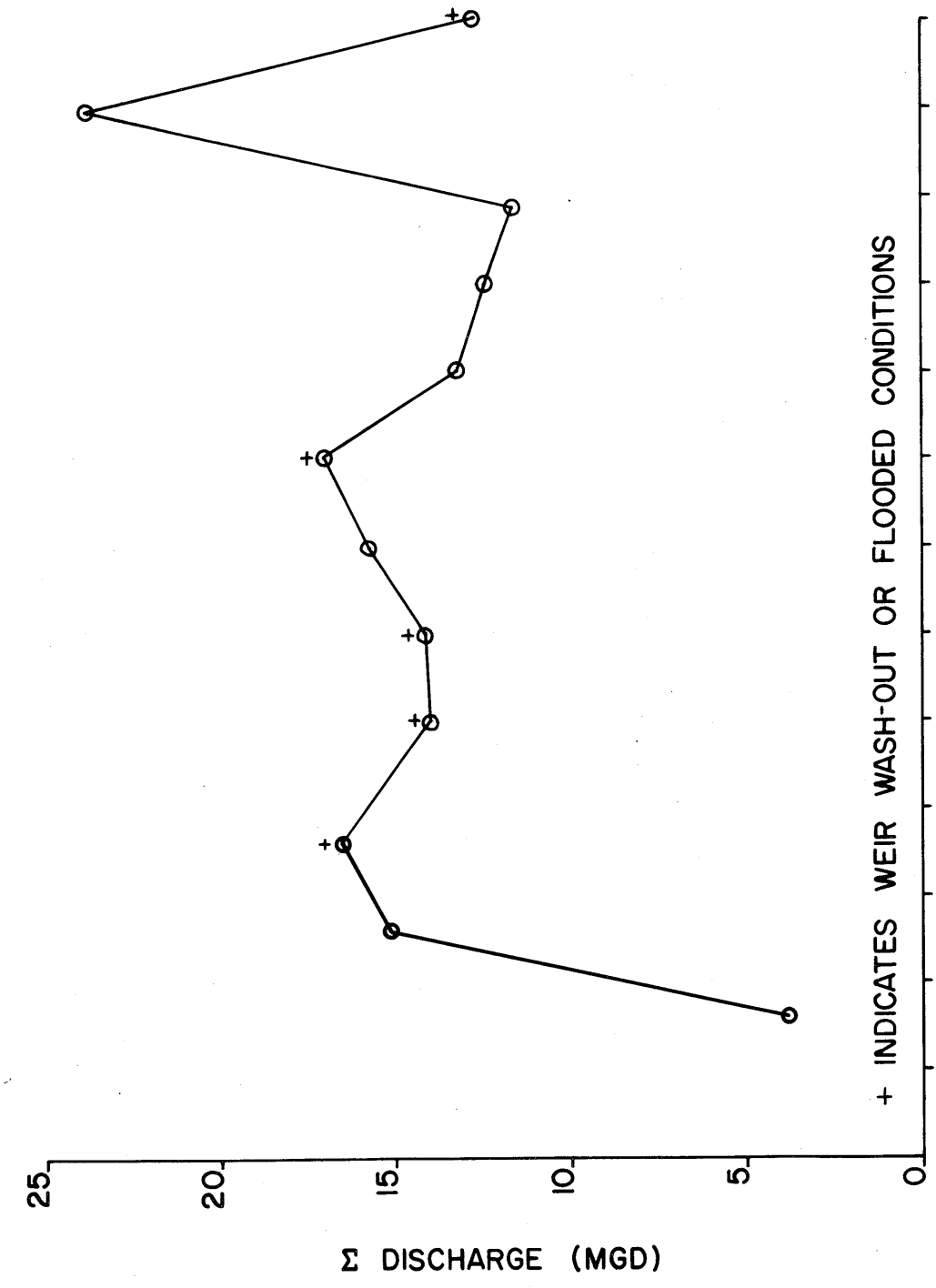
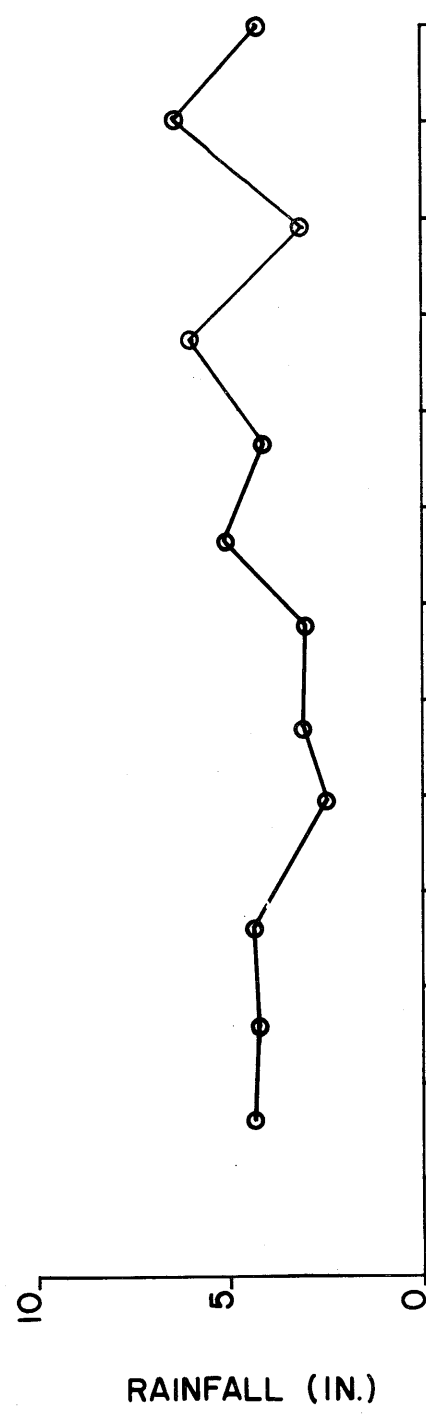


Figure C-2