U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
FEDERAL HIGHWAY ADMINISTRATION,
MONTANA DEPARTMENT OF HIGHWAYS,
AND THE U.S. FOREST SERVICE

OPEN-FILE REPORT 75-650 PLATE 3

AREA	RECURRENCE INTERVAL IN YEARS					
	2	5	10	25	50	100
1	0.62	0.62	0.62	0.62	0.62	0.62
2	1.12	1.47	1.68	1.85	2.03	2.22
3	.78	.85	.87	.94	.95	.98
4	.65	.65	.65	.65	.65	.65
5	2.08	1.87	1.77	1.71	1.64	1.58
6	1.63	1.75	1.84	1.94	2.00	2.07
7	1.21	1.21	1.21	1.21	1.21	1.21

AREAL FACTORS (F) USED
IN REGRESSION EQUATION

EXPLANATION

(4) AREAL BOUNDARY. NUMBER INDICATES AREA HAVING SIMILAR BASIN CHARACTERISTICS

6-2150 ● CONTINOUS-RECORD GAGING STATION. NUMBER IS PERMANENT STATION IDENTIFICATION

6-1263 ▲ CREST-STAGE PARTIAL-RECORD STATION. NUMBER IS PERMANENT STATION IDENTIFICATION

BASE FROM U.S. GEOLOGICAL SURVEY
STATE BASE MAPS 1:1,000,000

20 0 20 40 60 80 MILES
20 0 20 40 60 80 100 KILOMETRES

MAP OF MONTANA AND ADJACENT AREAS SHOWING THE AREAL BOUNDARIES AND LOCATION OF SELECTED CREST-STAGE PARTIAL RECORD AND CONTINOUS RECORD GAGING STATIONS