APPENDIX D

Interannual Variability Data

Table D-1. Precipitation data for the state of Maryland, 1995-1997

Division	Name	MBSS Basins	Annual Precip (inches)	Departure from Normal (inches)	Departure from Normal (%)
1995 Precipitation data (from NOAA Climatological data annual summary, MD and DE 1995)					
1	Southern Eastern Shore	Nanticoke/Wicomico	35.20	-8.05	-18.6
2	Central Eastern Shore	Nanticoke/Wicomico	41.80	-1.53	-3.5
3	Lower Southern	Lower Potomac	41.40	-1.16	-2.7
4	Upper Southern	Lower Potomac, Patapsco	41.61	-0.87	-2.0
5	Northern Eastern Shore	Chester	44.61	1.92	4.5
6	Northern Central	Patapsco	40.62	-2.59	-6.0
7	Appalachian Mountain	Upper Potomac	37.41	-1.06	-2.8
8	Allegheny Plateau	Youghiogheny, Upper Potomac	37.52	-7.51	-16.7
	Statewide average		40.02	-2.61	-6.1
1996 Precipitation data (from NOAA Climatological data annual summary, MD and DE 1996)					
1	Southern Eastern Shore	none	59.55	16.30	37.7
2	Central Eastern Shore	Choptank	52.22	8.89	20.5
3	Lower Southern	none	52.51	9.95	23.4
4	Upper Southern	Patapsco	57.96	15.48	36.4
5	Northern Eastern Shore	Elk, Choptank	61.26	18.57	43.5
6	Northern Central	Middle Potomac, Patapsco, Gunpowder, Bush, Elk	64.37	21.16	49.0
7	Appalachian Mountain	North Branch Potomac, Middle Potomac	58.59	20.12	52.3
8	Allegheny Plateau	North Branch Potomac	62.00	16.97	37.7
	Statewide average		58.56	15.93	37.6
1997 Precipitation data (from NOAA Climatological data annual summary, MD and DE 1997)					
1	Southern Eastern Shore	Pocomoke	42.38	-0.87	-2.0
2	Central Eastern Shore	Choptank	42.73	-0.60	-1.4
3	Lower Southern	Patuxent	39.40	-3.16	-7.4
4	Upper Southern	Potomac Washington Metro, Patuxent	40.15	-2.33	-5.5
5	Northern Eastern Shore	Choptank	39.87	-2.82	-6.6
6	Northern Central	Susquehanna	34.22	-8.99	-20.8
7	Appalachian Mountain	none	36.59	-1.88	-4.9
8	Allegheny Plateau	Youghiogheny	insuf. Data	insuf. Data	
	Statewide average		39.33	-2.95	-6.9

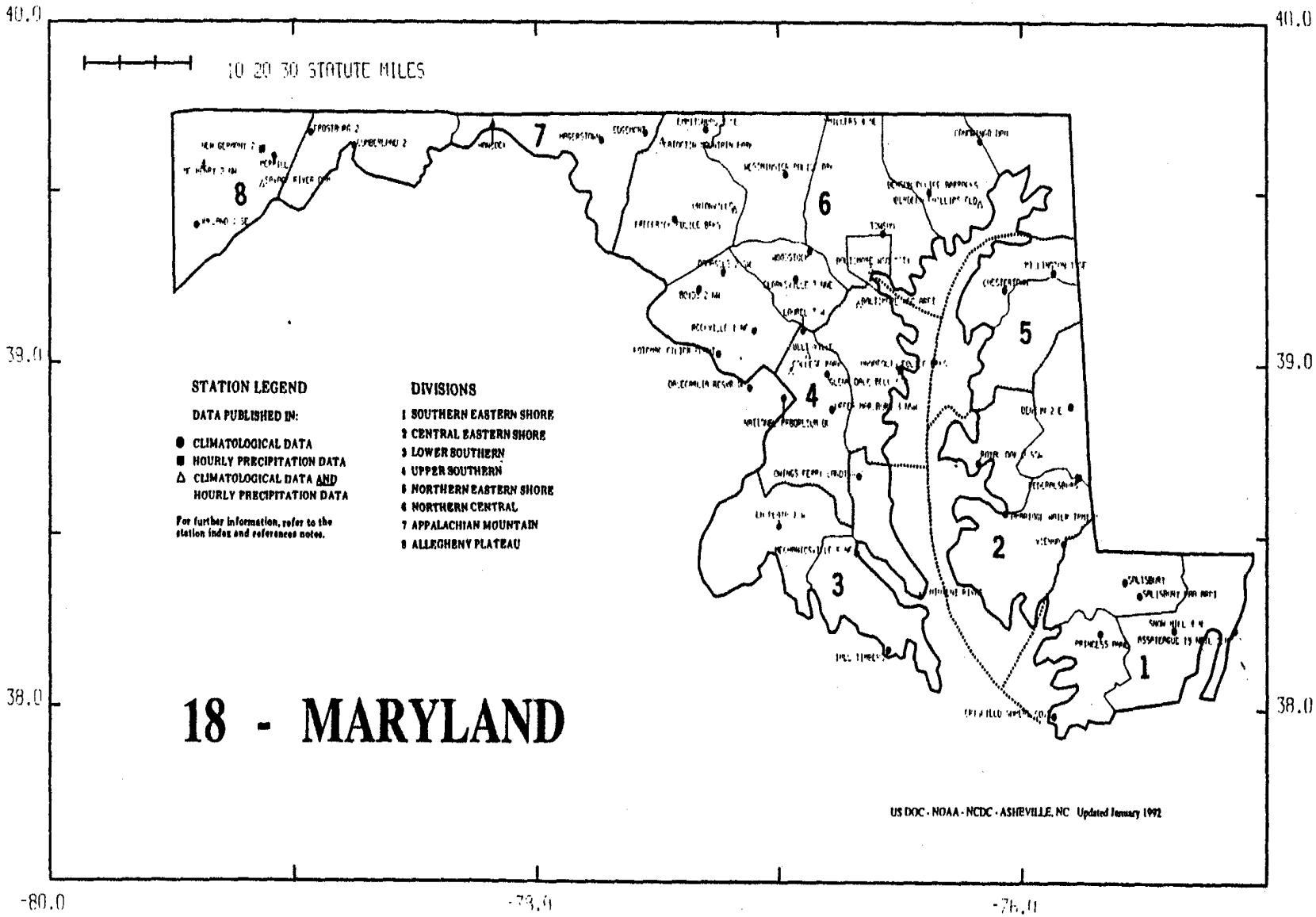
Table D-2. Stream reaches revisited in multiple years of the 1995-1997 MBSS

SITE	BASIN	REACH	BIBI	PHI	FIBI	NO_3	DISCHARGE
QA-N-098-301-96	CK	QA-N-098	3.00	88.21	4.75	3.72	30.34
QA-N-098-302-96	CK	QA-N-098	3.29	94.18	4.75	3.62	14.67
QA-N-098-307-96	CK	QA-N-098	3.29	81.18	4.25	3.64	20.96
QA-N-098-308-96	CK	QA-N-098	2.71	91.59	4.25	3.65	12.75
QA-N-098-309-96	CK	QA-N-098	2.43	90.61	4.75	3.62	18.01
QA-N-098-302-97	CK	QA-N-098	3.00	56.49	4.50	2.86	8.18
QA-N-098-308-97	CK	QA-N-098	1.86	70.64	4.75	2.90	2.33
QA-N-098-315-97	CK	QA-N-098	1.86	55.13	5.00	2.10	14.02
TA-N-053-201-96	CK	TA-N-053	2.71	25.50	3.50	5.29	0.35
TA-N-053-203-97	CK	TA-N-053	3.29	15.30	2.50	5.96	0.13
BA-P-077-322-95	PP	BA-P-077	3.44	58.96	2.56	1.37	1.38
BA-P-077-315-96	PP	BA-P-077	3.67	93.05	3.00	1.32	6.85
BA-P-478-325-95	PP	BA-P-478	1.67	53.42	2.78	1.87	16.66
BA-P-478-314-96	PP	BA-P-478	2.33	47.80	2.11	2.04	32.76
BC-N-014-216-95	PP	BC-N-014	1.29	65.87	2.50	1.21	0.18
BC-N-014-224-95	PP	BC-N-014	1.86	61.55	3.00	1.07	0.80
BC-N-014-217-96	PP	BC-N-014	1.00	81.02	1.67	0.80	1.10
BC-N-015-219-95	PP	BC-N-015	1.29	90.97	2.56	1.52	32.25
BC-N-015-202-96	PP	BC-N-015	1.00	32.03	1.22	1.68	23.45
BC-P-003-205-95	PP	BC-P-003	1.22	38.77	1.89	2.64	0.44
BC-P-003-228-96	PP	BC-P-003	1.00	48.31	1.22	1.35	1.64
CR-P-152-318-95	PP	CR-P-152	2.78	51.38	3.67	4.60	28.74
CR-P-152-302-96	PP	CR-P-152	2.56			4.76	
CR-P-260-212-95	PP	CR-P-260	3.44	46.78	4.78	5.66	2.04
CR-P-260-210-96	PP	CR-P-260	2.56	34.04	4.56	5.62	2.64
CR-P-362-302-95	PP	CR-P-362	3.67	80.00	4.56	2.17	11.90
CR-P-362-304-95	PP	CR-P-362	3.89	88.08	4.56	2.17	11.90
CR-P-362-317-95	PP	CR-P-362	4.11	42.23	4.78	2.03	4.10
CR-P-362-310-96	PP	CR-P-362	1.67	60.54	3.89	2.17	20.14
CR-P-419-214-95	PP	CR-P-419	2.56	84.73	4.33	4.47	4.20
CR-P-419-227-96	PP	CR-P-419	1.67	88.92	3.89	4.49	22.63
CR-P-999-323-95	PP	CR-P-999	2.56	85.51	3.89	4.81	4.27
CR-P-999-323-96	PP	CR-P-999	4.11	93.44	3.89	4.92	17.00
HO-P-244-310-95	PP	HO-P-244	3.00	71.82	4.11	4.28	9.76
HO-P-244-307-96	PP	HO-P-244	2.11			4.05	
GA-A-062-202-95	YG	GA-A-062	4.56	86.26	4.14	0.68	2.66
GA-A-062-222-95	YG	GA-A-062	4.56	80.32	4.14	0.63	1.92

GA-A-062-203-97	YG	GA-A-062	4.56	77.96	3.86	0.75	1.51

Table D-2. Cont'd

SITE	BASIN	REACH	BIBI	PHI	FIBI	NO_3	DISCHARGE
GA-A-111-316-95	YG	GA-A-111	3.67	38.29	2.71	0.38	1.30
GA-A-111-314-97	YG	GA-A-111	4.11			0.54	
GA-A-407-314-95	YG	GA-A-407	3.89	89.51	3.86	0.33	8.12
GA-A-407-310-97	YG	GA-A-407	3.44	54.44	3.86	0.46	0.99
GA-A-407-312-97	YG	GA-A-407	3.22	62.38	2.71	0.47	2.78
GA-A-407-313-97	YG	GA-A-407	3.67	64.75	3.86	0.48	2.78
GA-A-505-210-95	YG	GA-A-505	3.67	16.75	2.71	0.26	0.50
GA-A-505-218-97	YG	GA-A-505	3.22	43.73	3.29	0.45	0.97


40.0
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38.0
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10 20 30 STATUTE MILES
STATION LEGEND
DATA PUBLISHED IN:
CLIMATOLOGICAL DATA
HOURLY PRECIPITATION DATA
CLIMATOLOGICAL DATA AND HOURLY PRECIPITATION DATA
For further information, refer to the station index and references notes.
DIVISIONS
1 SOUTHERN EASTERN SHORE
2 CENTRAL EASTERN SHORE
3 LOWER SOUTHERN
4 UPPER SOUTHERN
5 NORTHERN EASTERN SHORE
6 NORTHERN CENTRAL
7 APPALACHIAN MOUNTAIN
8 ALLEGHENY PLATEAU
18 - MARYLAND
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