

Appendix

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Appendix 1a – 1c : Observed and Calculated discharge at Bousalem and Jendouba
(2002/09/01 – 2003/08/31)

Appendix 1a: Observed and Calculated discharge at Bousalem and Jendouba

(2002/09/01 – 2002/12/31)

Date	Observation (m ³ /s)		Simulation (m ³ /s)	
	BOUSALEM	JENDOUBA	BOUSALEM	JENDOUBA
2002/09/01	12.50	4.69	1.53	0.26
2002/09/02	8.66	1.83	0.26	0.29
2002/09/03	6.04	1.59	0.13	0.28
2002/09/04	5.69	1.44	0.08	0.28
2002/09/05	5.62	1.26	0.07	0.27
2002/09/06	25.30	0.98	0.07	0.28
2002/09/07	32.80	0.91	0.07	0.27
2002/09/08	11.80	0.85	0.06	0.26
2002/09/09	4.88	0.79	0.14	0.26
2002/09/10	3.82	0.73	0.25	0.25
2002/09/11	3.80	0.73	0.24	0.25
2002/09/12	3.86	0.74	0.24	0.25
2002/09/13	5.13	0.75	0.24	0.25
2002/09/14	28.50	0.75	0.24	0.25
2002/09/15	31.80	0.76	0.24	0.25
2002/09/16	29.70	0.78	0.24	0.24
2002/09/17	8.59	0.85	0.24	0.24
2002/09/18	6.27	0.93	0.22	0.25
2002/09/19	6.04	1.00	0.22	0.24
2002/09/20	7.69	6.20	0.21	0.24
2002/09/21	32.00	1.89	0.22	0.24
2002/09/22	39.90	10.40	0.22	4.30
2002/09/23	30.60	5.90	0.19	1.08
2002/09/24	25.50	3.84	0.19	0.40
2002/09/25	19.40	2.45	0.20	0.27
2002/09/26	10.30	1.08	0.20	0.25
2002/09/27	6.24	0.95	0.21	0.23
2002/09/28	5.71	0.90	0.21	0.23
2002/09/29	3.94	0.86	0.22	0.22
2002/09/30	3.33	0.83	0.23	0.21
2002/10/01	3.23	0.81	0.23	0.22
2002/10/02	3.32	0.80	0.22	0.21
2002/10/03	3.40	0.79	0.21	0.22
2002/10/04	3.48	0.78	0.20	0.21
2002/10/05	3.57	0.77	0.20	0.22
2002/10/06	3.67	0.76	0.20	0.21
2002/10/07	3.78	0.75	0.19	0.21
2002/10/08	3.88	0.73	0.19	0.21
2002/10/09	3.99	0.71	0.19	0.20
2002/10/10	7.48	1.23	0.19	0.20
2002/10/11	35.70	12.20	0.24	0.21
2002/10/12	36.00	5.85	0.24	0.24
2002/10/13	55.60	4.56	0.16	0.64
2002/10/14	64.50	5.77	0.18	0.53
2002/10/15	60.50	1.87	0.16	0.32
2002/10/16	41.40	1.38	0.15	0.29
2002/10/17	12.60	1.14	0.14	0.30
2002/10/18	6.13	1.11	0.16	0.26
2002/10/19	5.74	1.08	0.15	0.23
2002/10/20	5.35	1.06	0.14	0.20
2002/10/21	5.02	1.04	0.15	0.21
2002/10/22	4.89	1.04	0.15	0.21
2002/10/23	4.79	1.03	0.16	0.21
2002/10/24	4.69	1.03	0.14	0.21
2002/10/25	4.72	1.02	0.14	0.20
2002/10/26	4.80	1.01	0.15	0.20
2002/10/27	4.88	1.01	0.15	0.20
2002/10/28	4.96	1.00	0.16	0.19
2002/10/29	5.06	0.99	0.16	0.20
2002/10/30	5.26	0.97	0.16	0.19
2002/10/31	5.47	0.96	0.16	0.19
2002/11/01	5.93	0.93	0.16	0.19
2002/11/02	16.80	0.87	0.16	0.19
2002/11/03	42.20	0.82	0.14	0.19
2002/11/04	41.80	0.79	0.14	0.19
2002/11/05	28.00	0.76	0.14	0.18
2002/11/06	41.10	0.74	0.12	0.19
2002/11/07	35.00	0.85	0.21	1.03
2002/11/08	39.30	25.90	19.83	115.78
2002/11/09	162.00	225.00	179.19	128.97
2002/11/10	240.00	62.90	36.34	17.61
2002/11/11	154.00	15.80	12.26	3.65
2002/11/12	69.10	3.01	3.60	1.54
2002/11/13	35.40	1.68	1.26	0.95
2002/11/14	33.30	1.43	0.55	0.71
2002/11/15	33.30	1.21	0.38	0.59
2002/11/16	62.60	1.02	0.35	0.52
2002/11/17	92.70	0.99	0.30	0.46
2002/11/18	41.80	0.98	0.32	0.45
2002/11/19	7.99	0.96	0.28	0.44
2002/11/20	6.70	0.95	0.26	0.42
2002/11/21	8.01	0.93	0.29	0.43
2002/11/22	7.08	0.92	0.32	0.43
2002/11/23	5.83	0.91	0.30	0.43
2002/11/24	5.18	1.00	0.30	0.42
2002/11/25	5.50	1.10	0.30	0.41
2002/11/26	5.44	1.62	0.37	25.41
2002/11/27	45.50	74.40	100.44	159.21
2002/11/28	166.00	116.00	135.76	91.27
2002/11/29	79.80	23.50	40.88	25.62
2002/11/30	21.00	7.18	19.01	16.21
2002/12/01	30.50	7.64	47.47	132.83
2002/12/02	84.60	113.00	195.24	143.08
2002/12/03	123.00	71.60	111.59	112.39
2002/12/04	113.00	93.10	162.14	189.72
2002/12/05	203.00	128.00	211.62	101.61
2002/12/06	153.00	72.80	63.27	52.65
2002/12/07	89.10	45.20	96.28	121.54
2002/12/08	134.00	102.00	153.80	75.78
2002/12/09	121.00	49.80	42.69	10.22
2002/12/10	66.80	16.30	24.86	6.60
2002/12/11	45.00	10.20	22.59	5.75
2002/12/12	19.80	8.05	21.68	5.31
2002/12/13	14.90	6.85	20.73	4.96
2002/12/14	15.10	6.28	20.32	4.73
2002/12/15	14.50	5.39	20.21	4.54
2002/12/16	14.00	4.09	19.89	4.45
2002/12/17	13.50	3.57	19.03	4.38
2002/12/18	13.10	3.31	18.79	4.20
2002/12/19	12.90	3.06	18.61	4.03
2002/12/20	12.70	2.98	18.20	3.88
2002/12/21	12.50	2.91	18.01	5.07
2002/12/22	12.40	2.80	18.97	5.13
2002/12/23	15.50	7.84	18.48	5.02
2002/12/24	15.20	5.81	17.23	4.13
2002/12/25	13.20	3.98	16.20	3.80
2002/12/26	13.00	3.21	15.68	3.70
2002/12/27	12.70	3.09	15.26	3.68
2002/12/28	12.50	3.05	16.73	9.63
2002/12/29	12.40	3.01	30.21	19.39
2002/12/30	21.80	2.96	24.68	5.63
2002/12/31	18.10	2.92	19.75	4.82

Appendix 1b: Observed and Calculated discharge at Bousalem and Jendouba

(2003/01/01 – 2003/04/30)

Date	Observation (m ³ /s)		Simulation (m ³ /s)	
	BOUSALEM	JENDOUBA	BOUSALEM	JENDOUBA
2003/01/01	19.20	2.93	20.64	8.50
2003/01/02	23.00	3.00	22.31	7.14
2003/01/03	16.20	3.38	19.99	5.32
2003/01/04	14.00	3.62	18.30	4.60
2003/01/05	12.50	3.56	17.32	4.33
2003/01/06	11.90	3.49	16.53	4.17
2003/01/07	11.30	3.49	15.78	4.18
2003/01/08	10.90	3.90	15.57	4.03
2003/01/09	10.60	4.39	14.95	4.98
2003/01/10	10.80	4.88	130.47	249.79
2003/01/11	184.00	141.00	728.57	583.00
2003/01/12	892.00	685.00	442.07	159.57
2003/01/13	467.00	97.40	99.08	19.44
2003/01/14	183.00	29.80	61.22	8.87
2003/01/15	191.00	29.00	57.22	7.91
2003/01/16	213.00	27.20	192.42	320.03
2003/01/17	301.00	163.00	467.38	317.80
2003/01/18	593.00	279.00	297.94	140.72
2003/01/19	627.00	202.00	171.69	62.39
2003/01/20	403.00	56.30	164.76	151.77
2003/01/21	392.00	62.20	208.26	68.89
2003/01/22	239.00	29.20	113.64	30.44
2003/01/23	119.00	17.10	86.27	44.12
2003/01/24	107.00	42.30	311.52	360.91
2003/01/25	336.00	293.00	666.24	441.47
2003/01/26	802.00	396.00	522.93	212.83
2003/01/27	578.00	279.00	255.78	88.51
2003/01/28	330.00	84.70	122.85	18.00
2003/01/29	169.00	40.40	107.38	12.93
2003/01/30	114.00	27.20	98.99	13.29
2003/01/31	96.60	21.90	104.87	30.03
2003/02/01	133.00	35.60	312.81	342.53
2003/02/02	334.00	164.00	442.64	151.35
2003/02/03	286.00	98.70	165.65	40.75
2003/02/04	213.00	83.20	140.66	85.86
2003/02/05	190.00	81.00	230.86	77.99
2003/02/06	226.00	111.00	164.44	46.96
2003/02/07	189.00	67.80	140.69	43.21
2003/02/08	126.00	32.30	134.58	35.11
2003/02/09	85.30	18.90	105.32	14.75
2003/02/10	66.30	13.60	109.74	30.90
2003/02/11	79.20	11.20	109.87	28.08
2003/02/12	72.60	9.60	107.58	20.30
2003/02/13	66.00	9.11	103.21	39.22
2003/02/14	80.70	9.03	130.86	37.21
2003/02/15	94.00	28.90	104.15	20.79
2003/02/16	72.30	23.10	97.71	14.13
2003/02/17	62.60	17.40	91.20	17.16
2003/02/18	56.50	18.30	96.62	17.62
2003/02/19	39.60	14.60	92.12	13.96
2003/02/20	43.40	13.20	89.37	19.41
2003/02/21	48.90	15.70	104.89	26.16
2003/02/22	52.90	17.00	88.83	11.56
2003/02/23	45.40	11.70	83.23	10.41
2003/02/24	40.50	10.80	79.36	9.81
2003/02/25	44.80	10.60	77.56	9.41
2003/02/26	44.20	10.60	77.06	9.71
2003/02/27	44.00	10.50	316.86	218.59
2003/02/28	130.00	58.10	653.92	194.98
2003/03/01	170.00	87.70	232.86	63.41
2003/03/02	83.70	30.60	105.28	17.42
2003/03/03	44.30	16.90	90.44	12.49
2003/03/04	36.00	14.10	85.98	11.59
2003/03/05	32.40	14.10	84.01	11.02
2003/03/06	30.90	14.00	81.86	10.40
2003/03/07	28.10	12.40	79.76	9.76
2003/03/08	26.50	11.50	78.07	9.35
2003/03/09	26.10	10.90	75.86	8.91
2003/03/10	25.50	10.60	73.87	8.56
2003/03/11	24.00	10.20	71.41	8.23
2003/03/12	21.50	9.87	70.08	7.84
2003/03/13	19.90	9.68	67.68	7.38
2003/03/14	18.80	9.57	64.47	7.50
2003/03/15	19.60	9.52	64.57	7.37
2003/03/16	20.50	9.47	65.84	10.83
2003/03/17	24.10	9.42	66.02	8.41
2003/03/18	25.60	9.38	64.04	7.38
2003/03/19	23.60	9.35	61.67	7.00
2003/03/20	20.80	9.31	60.16	6.70
2003/03/21	19.50	9.27	57.46	6.46
2003/03/22	19.30	9.23	56.18	6.25
2003/03/23	19.00	9.20	53.99	6.05
2003/03/24	18.10	9.18	51.94	5.88
2003/03/25	17.90	9.16	50.13	5.67
2003/03/26	14.40	9.15	48.17	5.45
2003/03/27	12.70	9.13	46.35	5.23
2003/03/28	12.30	9.11	44.76	5.05
2003/03/29	12.20	9.09	43.58	4.89
2003/03/30	12.50	9.08	42.88	4.73
2003/03/31	12.50	9.06	41.38	4.62
2003/04/01	13.10	9.07	40.48	4.52
2003/04/02	15.00	9.12	40.12	4.46
2003/04/03	17.20	9.17	44.64	14.58
2003/04/04	76.90	35.10	123.08	143.55
2003/04/05	238.00	527.00	220.44	115.88
2003/04/06	506.00	292.00	87.19	19.78
2003/04/07	238.00	112.00	65.18	7.81
2003/04/08	110.00	45.80	55.71	6.38
2003/04/09	81.10	27.00	53.19	6.02
2003/04/10	75.70	23.50	51.77	5.80
2003/04/11	70.10	21.60	50.48	5.55
2003/04/12	66.60	19.20	49.08	5.33
2003/04/13	66.90	17.40	47.07	5.08
2003/04/14	63.60	15.90	44.82	4.88
2003/04/15	53.10	14.60	43.08	4.64
2003/04/16	51.00	14.00	41.85	4.49
2003/04/17	51.40	15.10	40.76	4.40
2003/04/18	56.70	22.60	39.33	4.71
2003/04/19	56.80	17.70	39.13	4.33
2003/04/20	51.80	15.00	38.08	4.14
2003/04/21	48.30	13.50	36.60	4.01
2003/04/22	46.80	12.50	35.09	3.87
2003/04/23	44.40	11.90	47.24	6.25
2003/04/24	93.10	12.80	90.29	17.13
2003/04/25	36.80	14.60	42.63	6.78
2003/04/26	29.60	12.40	38.73	4.60
2003/04/27	27.40	11.20	34.65	3.54
2003/04/28	26.00	10.60	33.14	3.35
2003/04/29	31.60	10.00	31.91	3.19
2003/04/30	43.10	9.63	30.82	3.05

Appendix 1b: Observed and Calculated discharge at Bousalem and Jendouba

(2003/05/01 – 2003/08/31)

Date	Observation (m ³ /s)		Simulation (m ³ /s)		Date	Observation (m ³ /s)		Simulation (m ³ /s)	
	BOUSALEM	JENDOUBA	BOUSALEM	JENDOUBA		BOUSALEM	JENDOUBA	BOUSALEM	JENDOUBA
2003/05/01	31.20	9.27	29.81	2.94	2003/07/01	5.06	1.64	4.97	0.93
2003/05/02	18.70	8.59	28.32	2.85	2003/07/02	5.15	1.63	4.91	0.92
2003/05/03	17.20	8.35	26.99	2.75	2003/07/03	5.23	1.62	4.85	0.91
2003/05/04	16.50	8.06	25.15	2.65	2003/07/04	5.31	1.61	4.76	0.90
2003/05/05	15.20	7.46	23.22	2.55	2003/07/05	5.40	1.60	4.65	0.90
2003/05/06	13.50	6.94	21.91	2.47	2003/07/06	5.49	1.59	4.50	0.89
2003/05/07	11.40	6.71	20.97	2.40	2003/07/07	5.59	1.58	4.45	0.89
2003/05/08	14.40	6.58	20.34	2.33	2003/07/08	5.68	1.57	4.33	0.87
2003/05/09	15.40	6.32	19.10	2.26	2003/07/09	5.74	1.56	4.28	0.87
2003/05/10	14.70	6.12	18.58	2.20	2003/07/10	5.67	1.55	4.16	0.86
2003/05/11	14.40	5.97	17.63	2.15	2003/07/11	5.60	1.53	3.99	0.85
2003/05/12	13.90	5.85	16.95	2.11	2003/07/12	5.52	1.48	3.93	0.84
2003/05/13	12.70	5.77	16.34	2.06	2003/07/13	5.45	1.43	3.83	0.84
2003/05/14	12.10	5.81	15.89	2.01	2003/07/14	5.38	1.38	3.73	0.83
2003/05/15	10.40	5.86	15.14	1.95	2003/07/15	5.30	1.33	3.71	0.82
2003/05/16	10.70	5.92	14.70	1.90	2003/07/16	7.96	1.30	3.62	0.83
2003/05/17	11.00	5.97	14.98	1.84	2003/07/17	29.70	1.26	3.52	0.82
2003/05/18	11.30	6.02	15.91	1.81	2003/07/18	37.00	1.22	3.49	0.81
2003/05/19	12.10	8.00	14.21	1.77	2003/07/19	37.70	1.19	3.40	0.81
2003/05/20	13.60	7.34	13.42	1.74	2003/07/20	37.50	1.15	3.36	0.80
2003/05/21	12.60	6.17	12.88	1.70	2003/07/21	37.00	1.11	3.36	0.81
2003/05/22	10.90	5.65	12.71	1.67	2003/07/22	31.00	1.07	3.28	0.80
2003/05/23	10.40	5.37	12.46	1.63	2003/07/23	20.10	1.01	3.23	0.80
2003/05/24	10.30	5.18	12.30	1.61	2003/07/24	7.10	0.95	3.20	0.80
2003/05/25	10.20	5.01	11.97	1.59	2003/07/25	6.11	0.89	3.21	0.79
2003/05/26	10.10	4.90	12.04	1.55	2003/07/26	6.03	0.82	3.15	0.79
2003/05/27	9.94	5.86	12.14	1.54	2003/07/27	17.20	0.77	3.09	0.78
2003/05/28	9.82	7.92	11.13	1.51	2003/07/28	13.90	0.75	3.06	0.77
2003/05/29	9.71	6.75	10.84	1.49	2003/07/29	13.60	0.75	2.99	0.77
2003/05/30	9.59	5.57	10.63	1.47	2003/07/30	5.55	0.75	3.00	0.76
2003/05/31	9.47	4.90	10.35	1.44	2003/07/31	5.44	0.75	3.01	0.75
2003/06/01	9.46	4.61	9.99	1.44	2003/08/01	5.39	0.75	2.99	0.75
2003/06/02	9.56	4.41	9.89	1.42	2003/08/02	5.40	0.75	2.94	0.74
2003/06/03	9.66	4.17	9.67	1.39	2003/08/03	5.41	0.75	2.97	0.73
2003/06/04	9.76	3.94	9.42	1.37	2003/08/04	5.42	0.74	2.90	1.03
2003/06/05	9.86	3.76	9.12	1.33	2003/08/05	5.43	0.74	2.89	0.74
2003/06/06	10.00	3.66	9.04	1.31	2003/08/06	5.44	0.74	2.97	0.71
2003/06/07	10.10	3.58	8.87	1.29	2003/08/07	5.44	0.74	2.79	0.70
2003/06/08	10.90	3.51	8.91	1.27	2003/08/08	5.45	0.73	2.72	0.70
2003/06/09	32.80	3.45	8.38	1.25	2003/08/09	5.46	0.73	2.69	0.70
2003/06/10	31.30	3.40	8.26	1.22	2003/08/10	5.47	0.73	2.65	0.69
2003/06/11	17.90	3.41	8.23	1.20	2003/08/11	5.48	0.72	2.62	0.68
2003/06/12	12.50	4.01	8.13	1.18	2003/08/12	5.49	0.72	2.62	0.68
2003/06/13	12.20	3.69	7.98	1.16	2003/08/13	5.50	0.72	2.58	0.67
2003/06/14	11.80	3.56	7.92	1.13	2003/08/14	5.50	0.72	2.56	0.66
2003/06/15	10.70	3.43	7.71	1.12	2003/08/15	5.51	0.71	2.54	0.66
2003/06/16	10.00	3.30	7.52	1.10	2003/08/16	5.52	0.71	2.51	0.65
2003/06/17	11.10	3.17	7.31	1.08	2003/08/17	5.53	0.71	2.54	0.65
2003/06/18	25.60	3.04	7.13	1.08	2003/08/18	5.54	0.71	2.51	0.65
2003/06/19	14.30	2.91	6.87	1.06	2003/08/19	5.55	0.70	2.42	0.64
2003/06/20	10.80	2.78	6.81	1.06	2003/08/20	5.55	0.70	2.42	0.64
2003/06/21	9.10	2.65	6.75	1.04	2003/08/21	5.56	0.70	2.37	0.63
2003/06/22	9.19	2.52	6.56	1.03	2003/08/22	5.81	0.69	2.34	0.63
2003/06/23	8.54	2.39	6.33	1.02	2003/08/23	6.91	0.69	2.32	0.62
2003/06/24	7.28	2.26	6.17	1.01	2003/08/24	6.67	0.69	2.31	0.71
2003/06/25	6.47	2.13	6.01	0.99	2003/08/25	5.90	0.69	2.25	0.91
2003/06/26	5.95	2.01	5.89	0.98	2003/08/26	5.91	0.69	2.33	0.80
2003/06/27	5.67	1.90	5.78	0.97	2003/08/27	6.06	0.68	2.50	0.64
2003/06/28	5.43	1.80	5.55	0.96	2003/08/28	6.20	0.68	2.39	0.60
2003/06/29	5.25	1.73	5.38	0.95	2003/08/29	6.29	0.68	2.23	0.59
2003/06/30	5.10	1.67	5.13	0.94	2003/08/30	5.73	0.67	2.16	0.59
					2003/08/31	7.06	0.67	2.17	0.58

Appendix

-Figure-

- Figure 1a - 1d : 4-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 1 -4)
- Figure 2a - 2d : 4-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 1 -4)
- Figure 3a - 3d : 4-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 1 -4)
- Figure 4a – 4e : 5-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 1 -5)
- Figure 5a – 5e : 5-day rainfall 100-year prob. spatio-temporal distribution
(May 2000 case, day 1 -5)
- Figure 6a – 6e : 5-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 1 -5)
- Figure 7a – 7e : 5-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 1 -5)

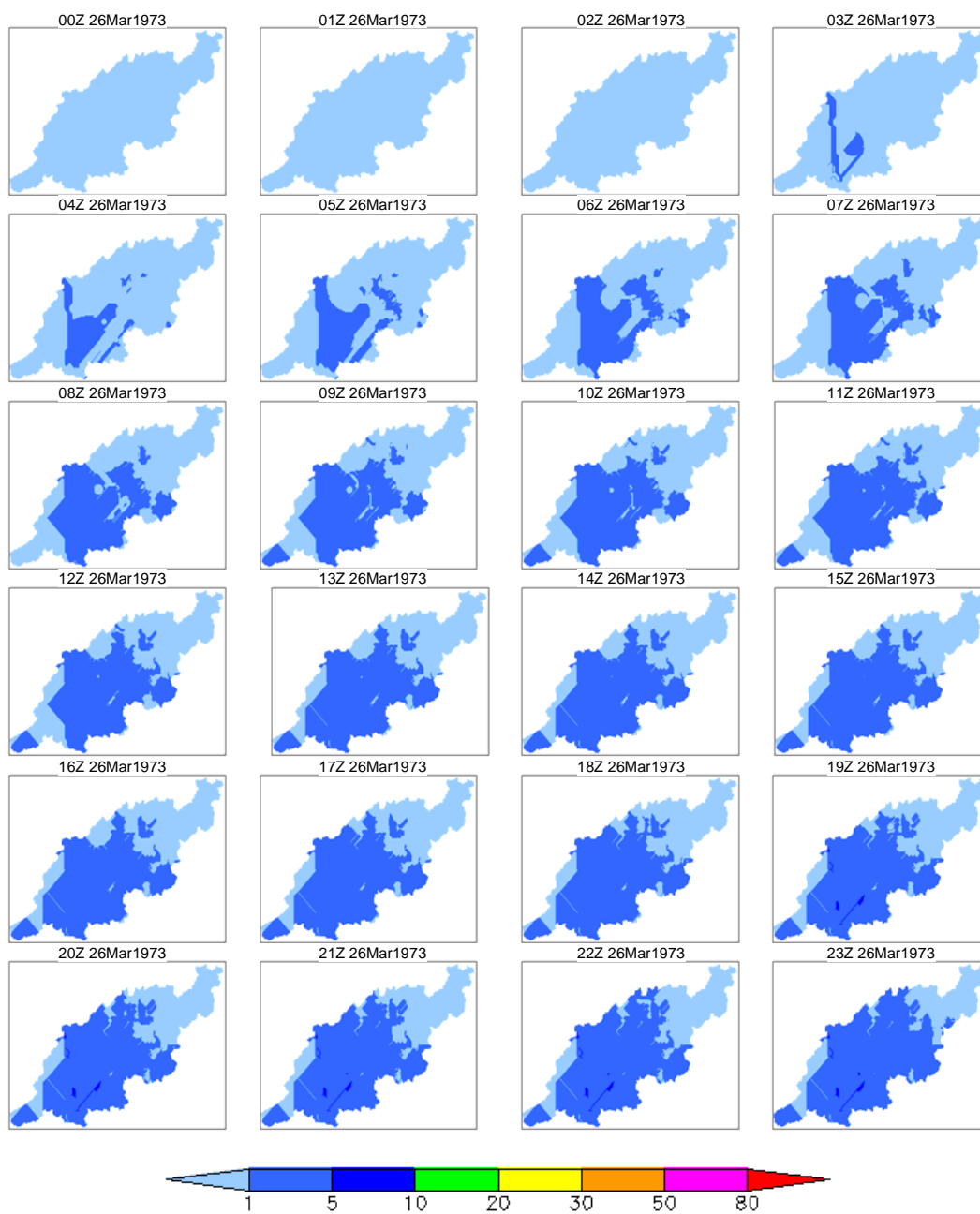


Figure 1a 4-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 1)

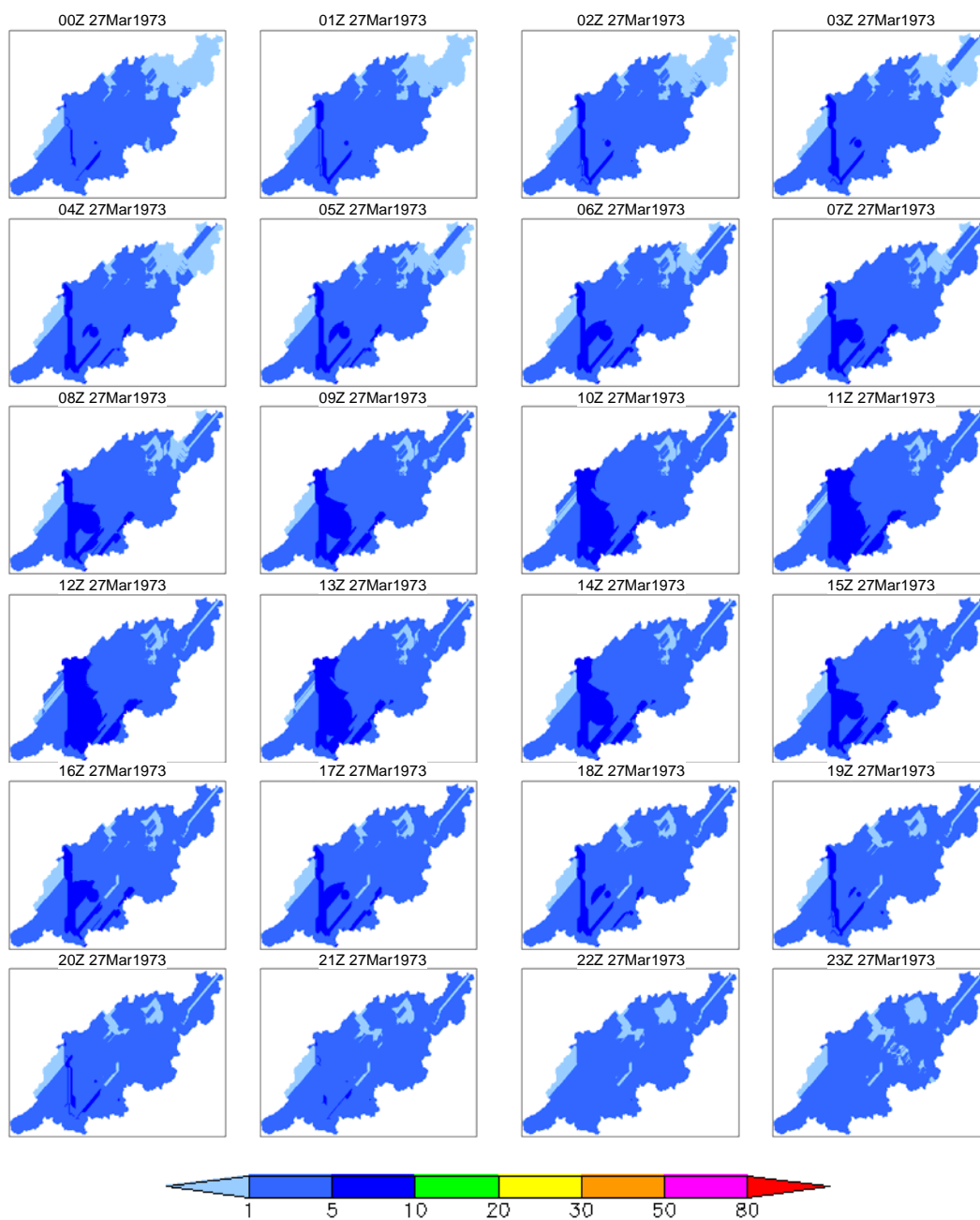


Figure 1b 4-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 2)

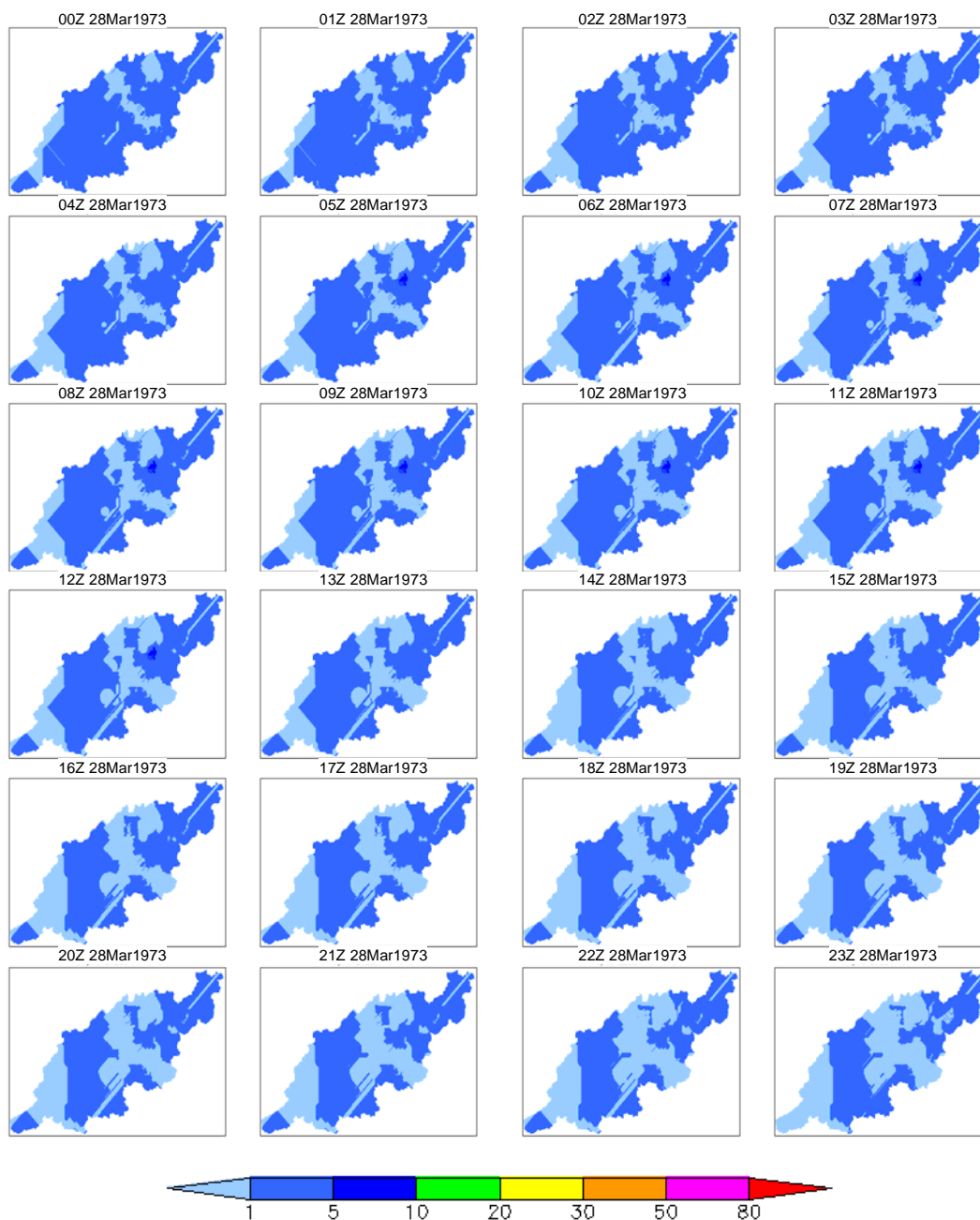


Figure 1c 4-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 3)

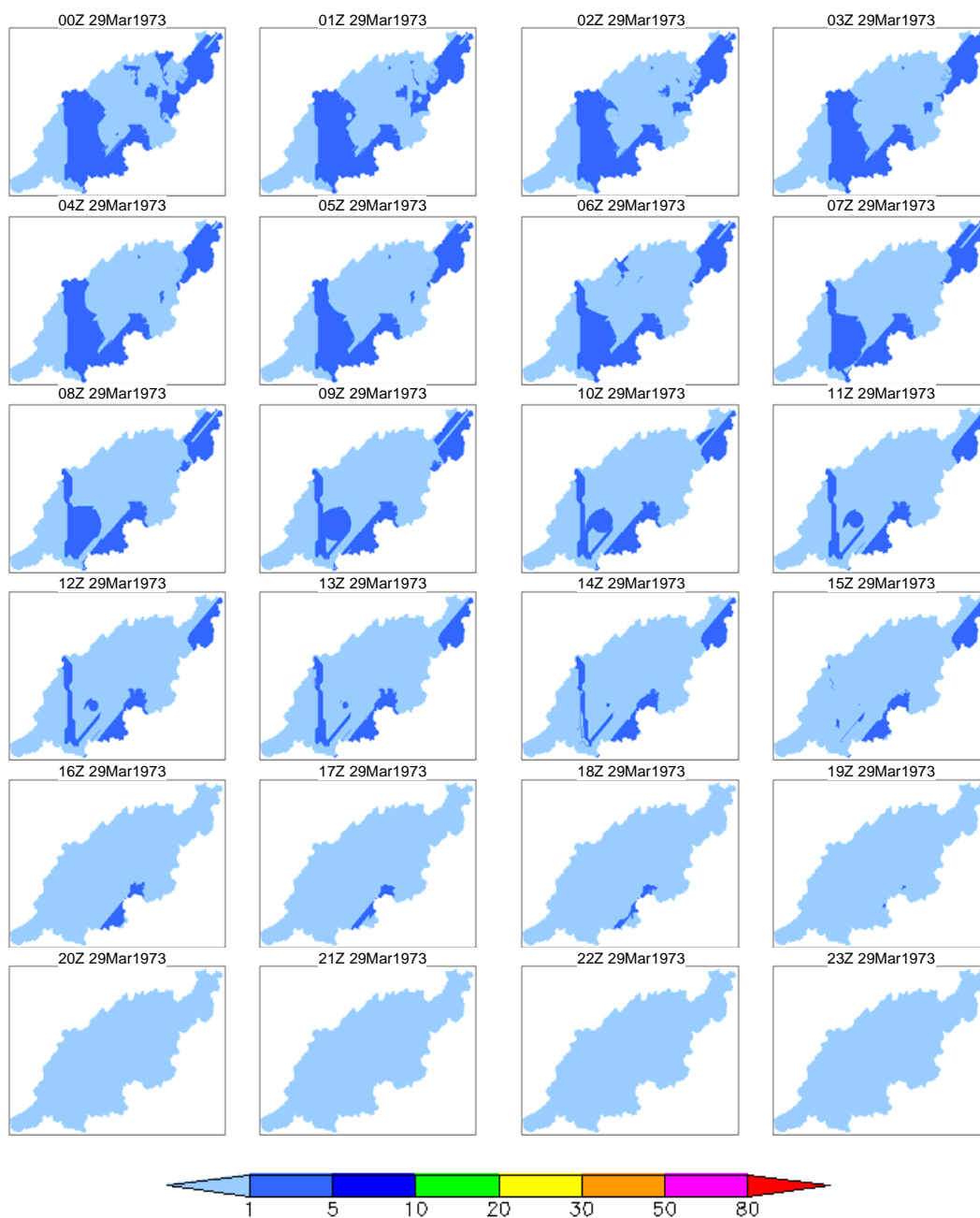


Figure 1d 4-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 4)

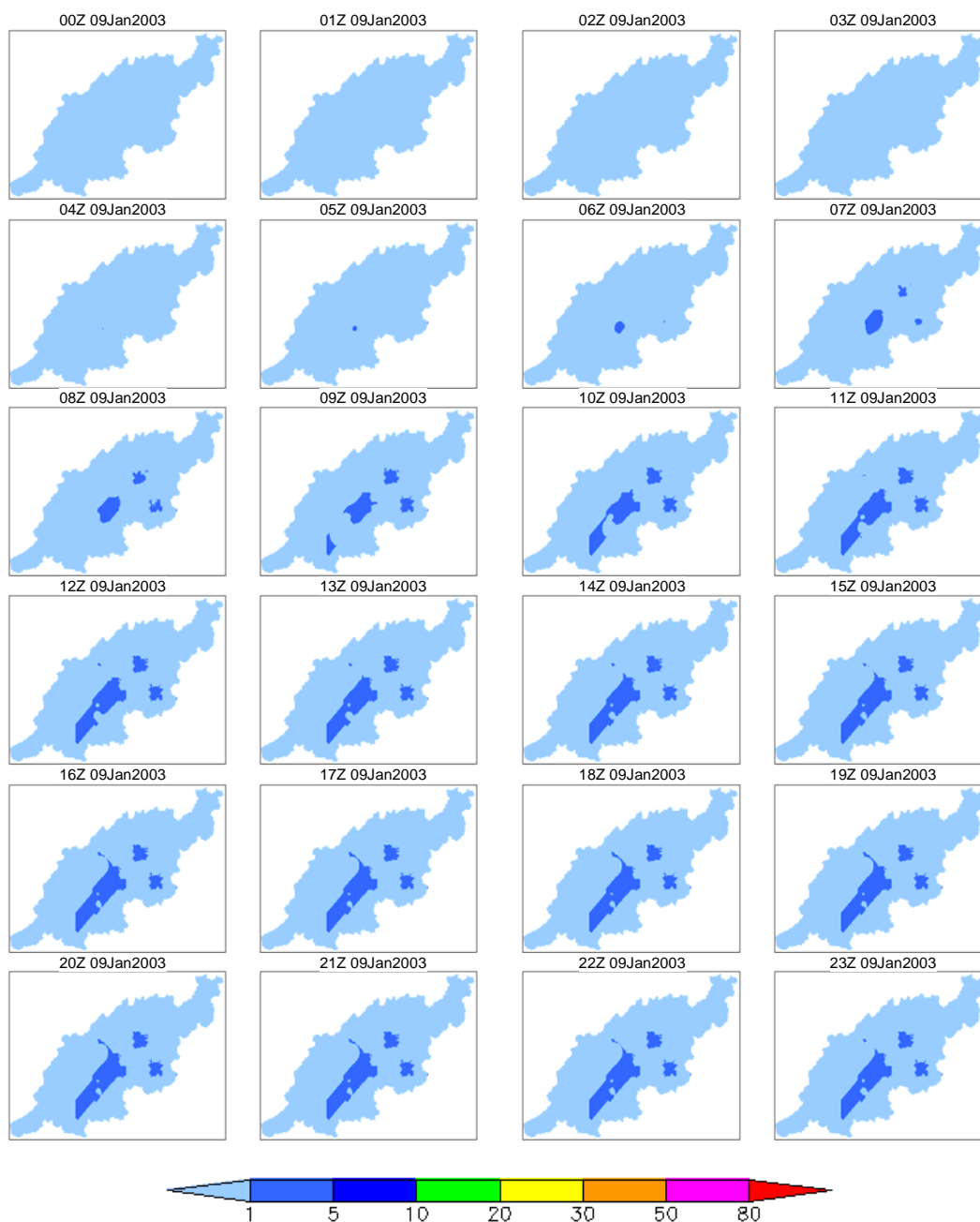


Figure 2a 4-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 1)

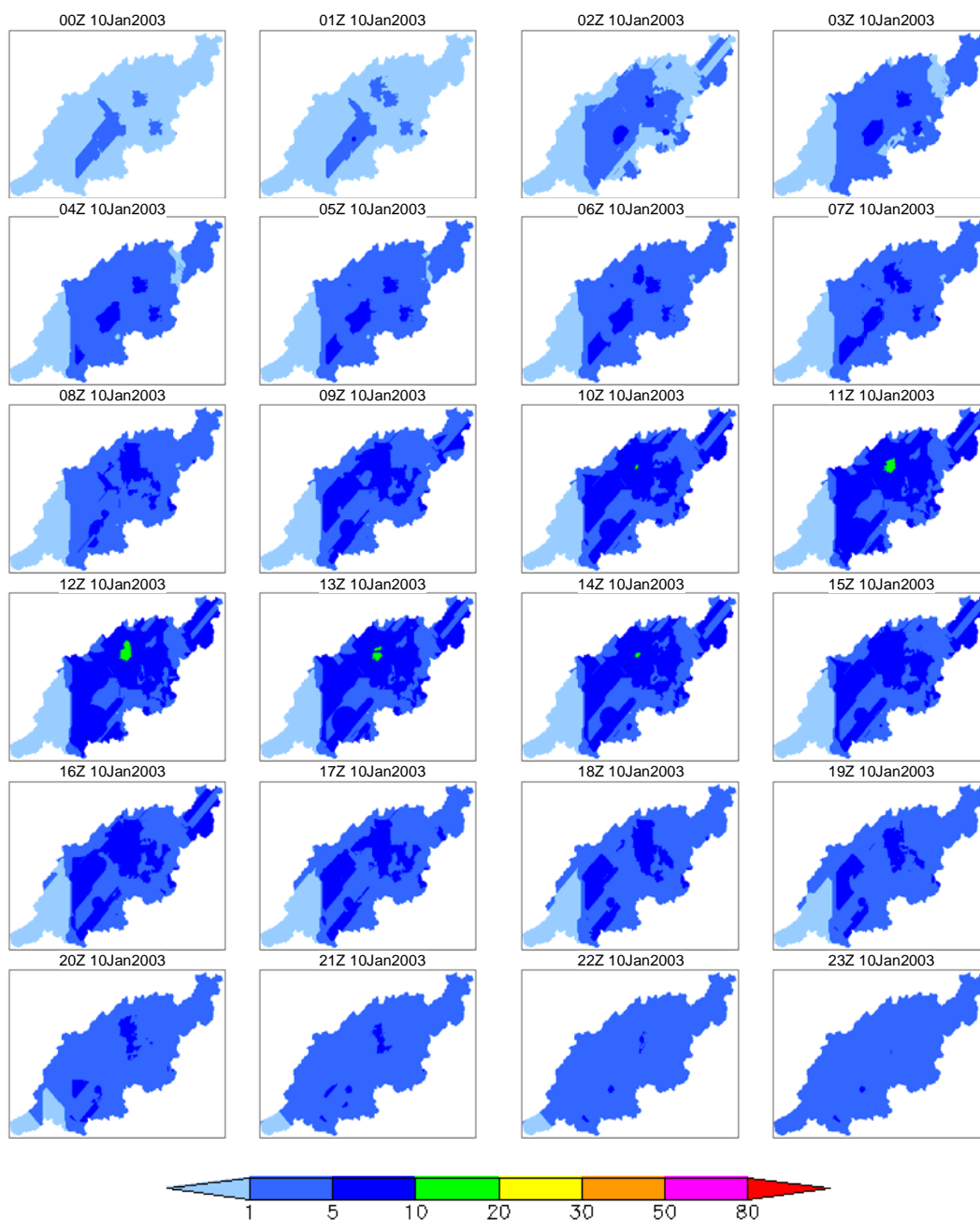


Figure 2b 4-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 2)

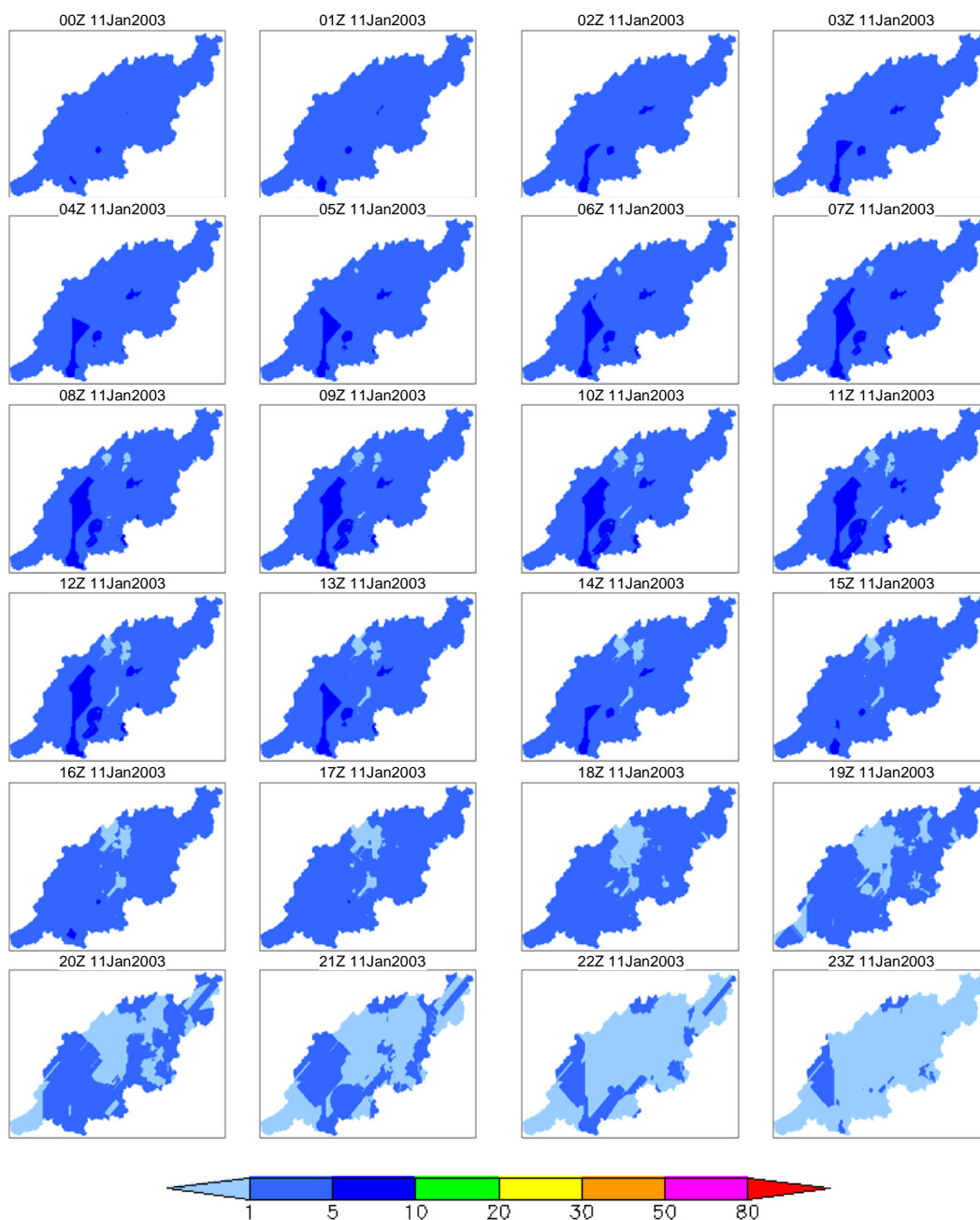


Figure 2c 4-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 3)

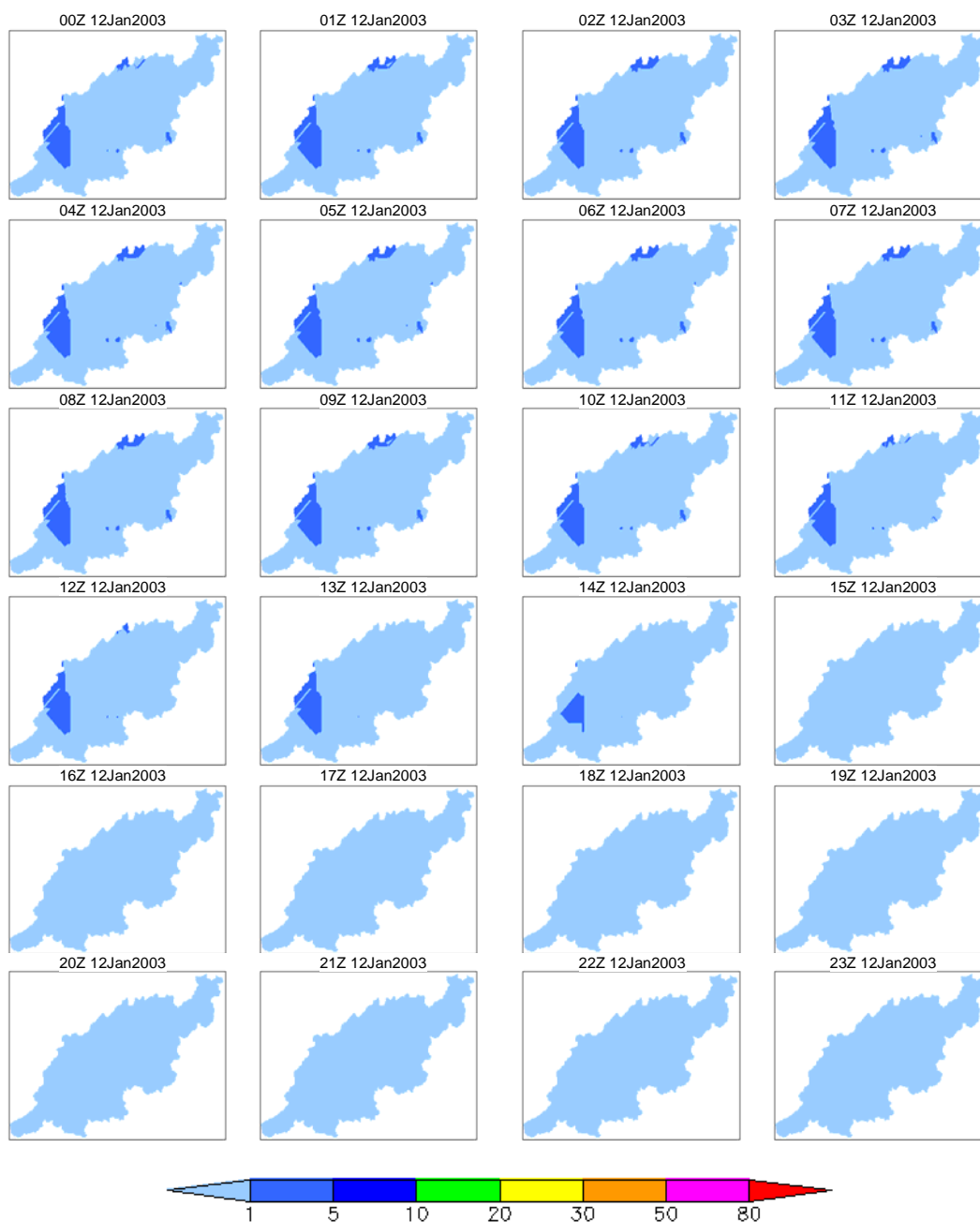


Figure 2d 4-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 4)

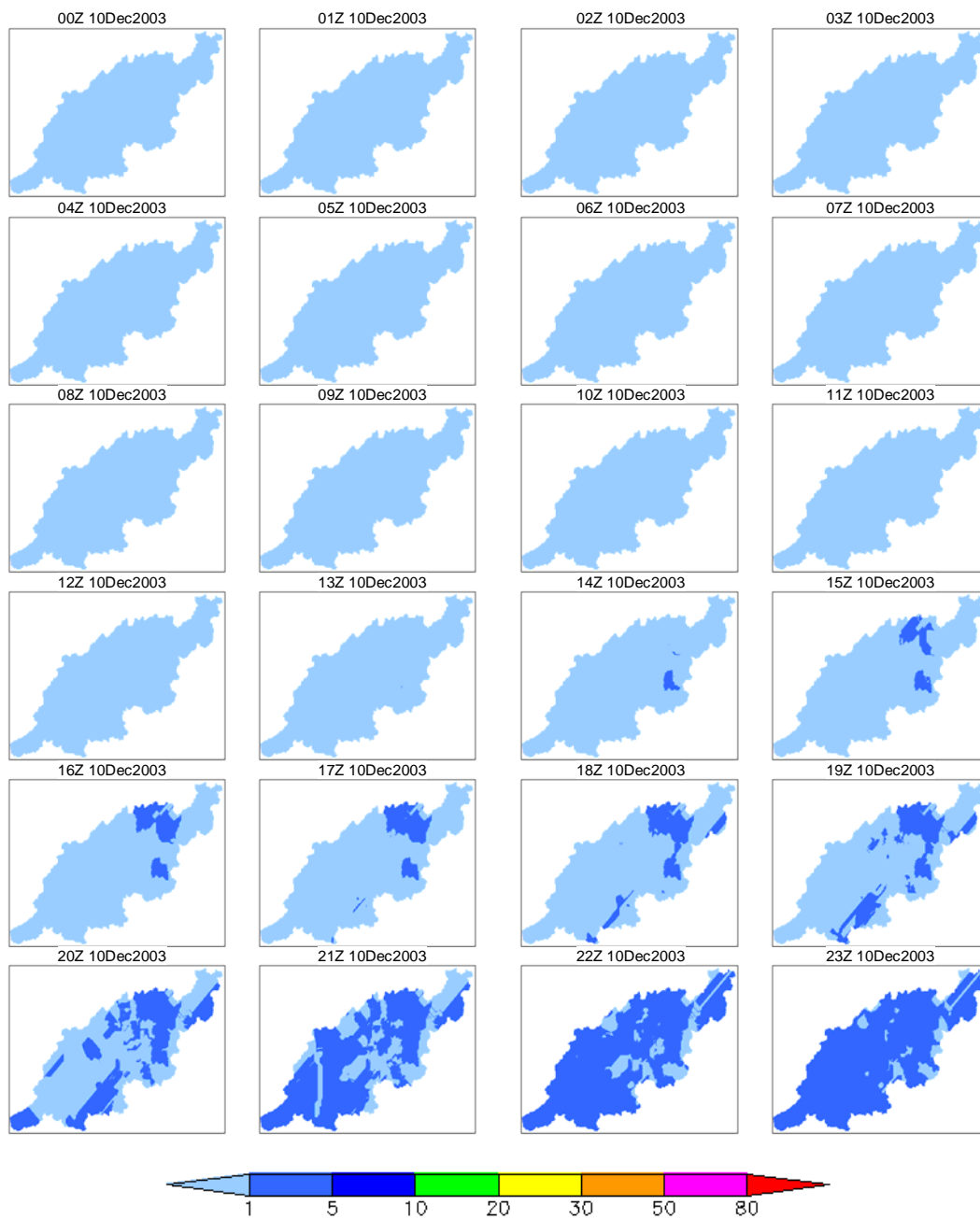


Figure 3a 4-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 1)

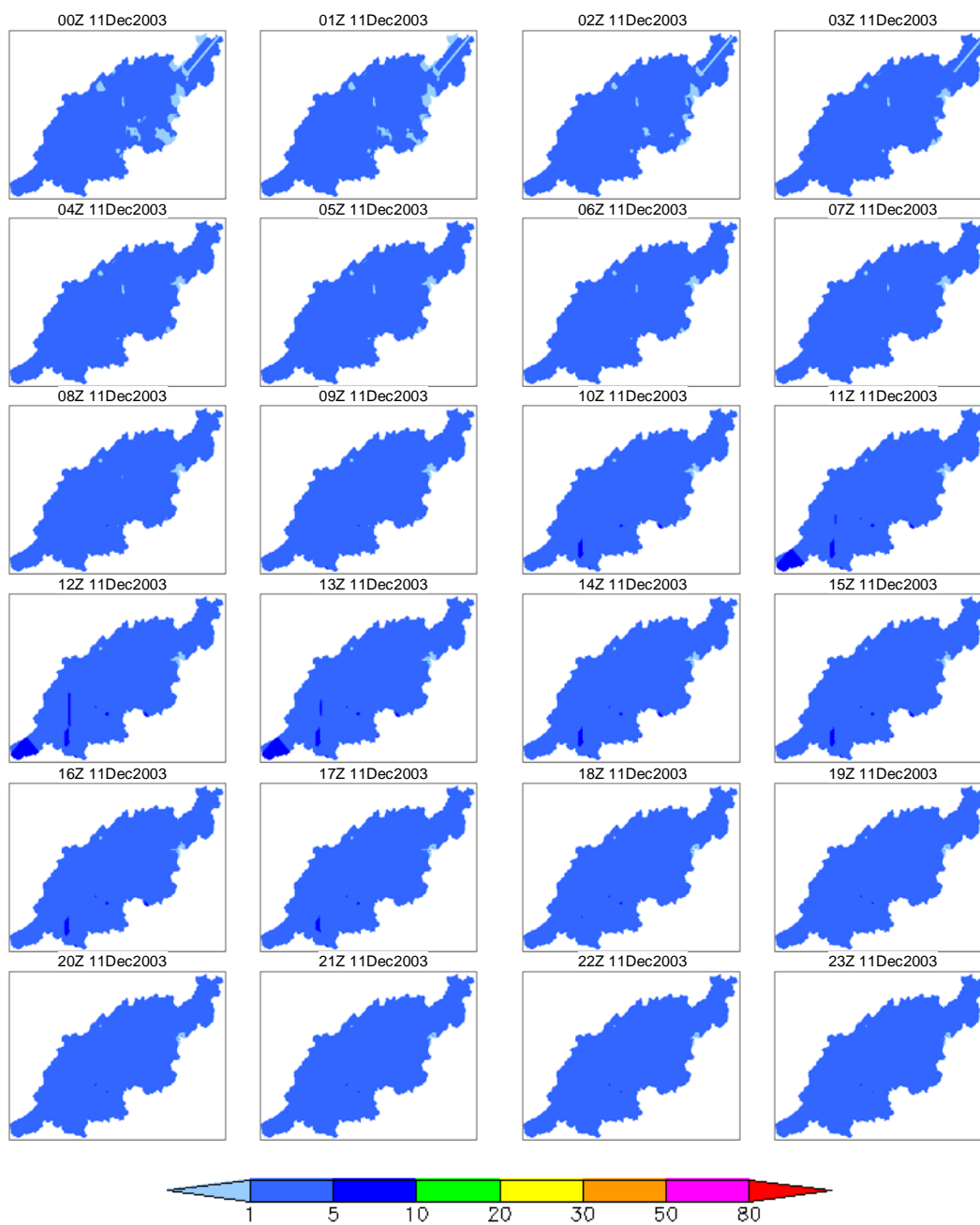


Figure 3b 4-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 2)

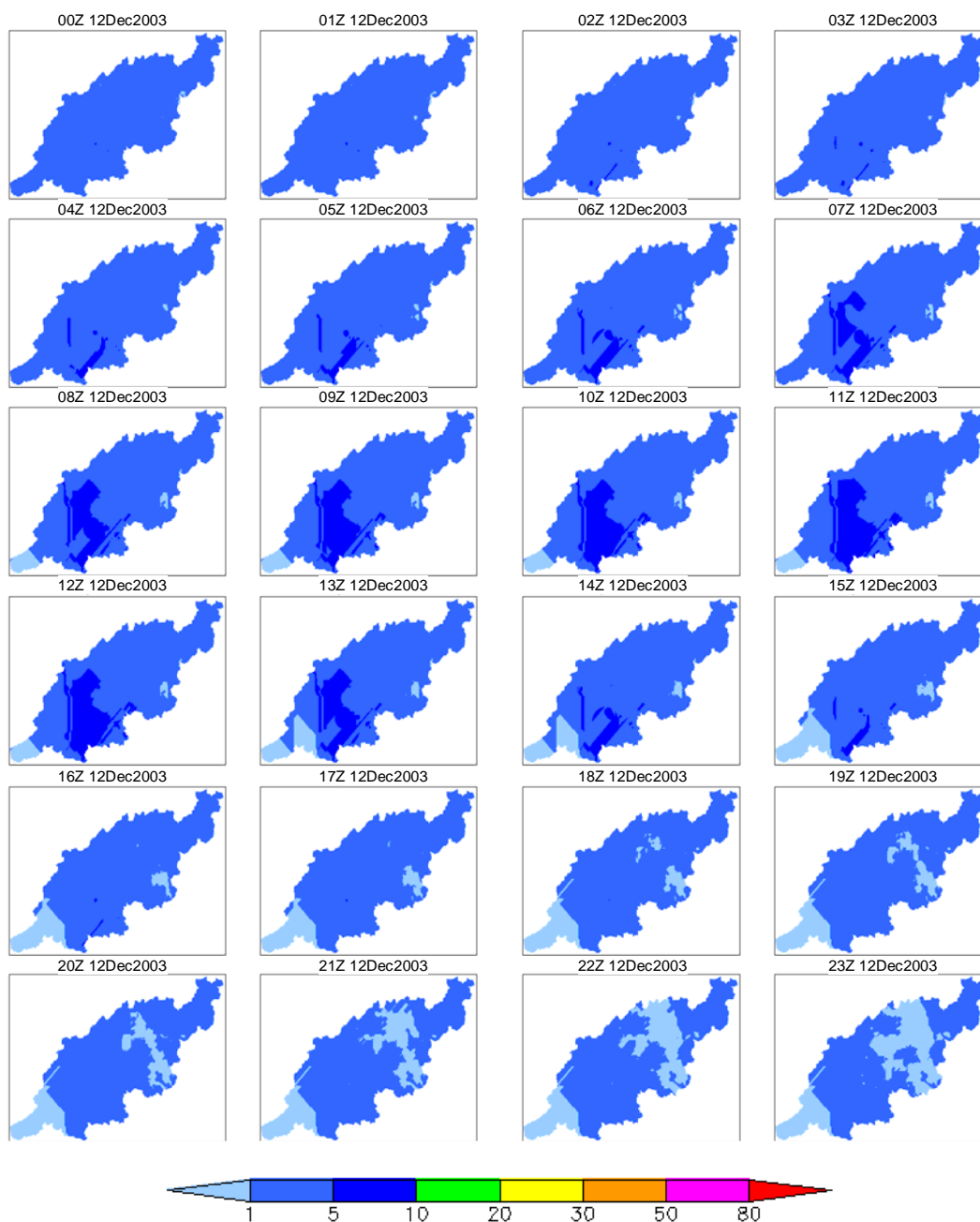


Figure 3c 4-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 3)

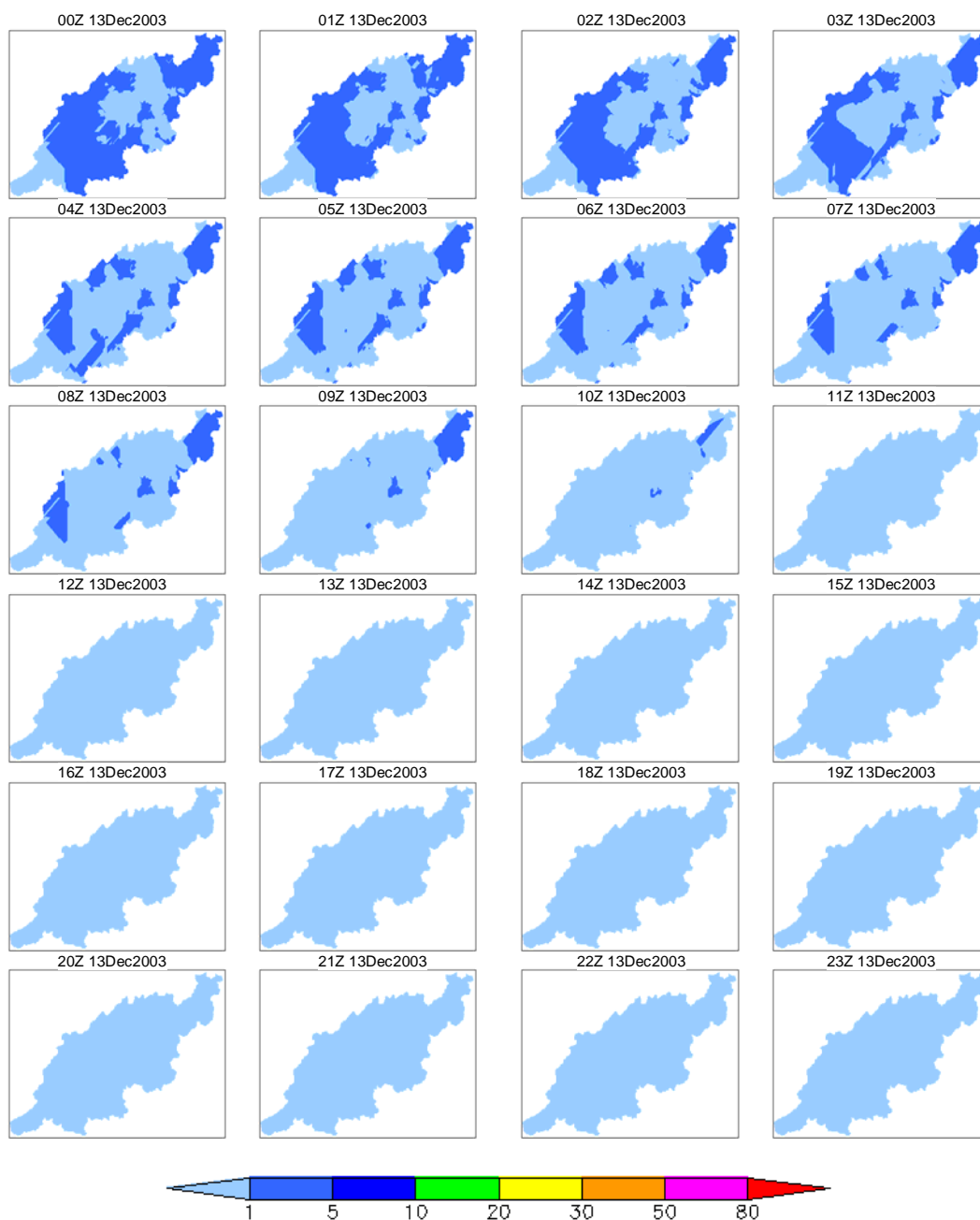


Figure 3d 4-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 4)

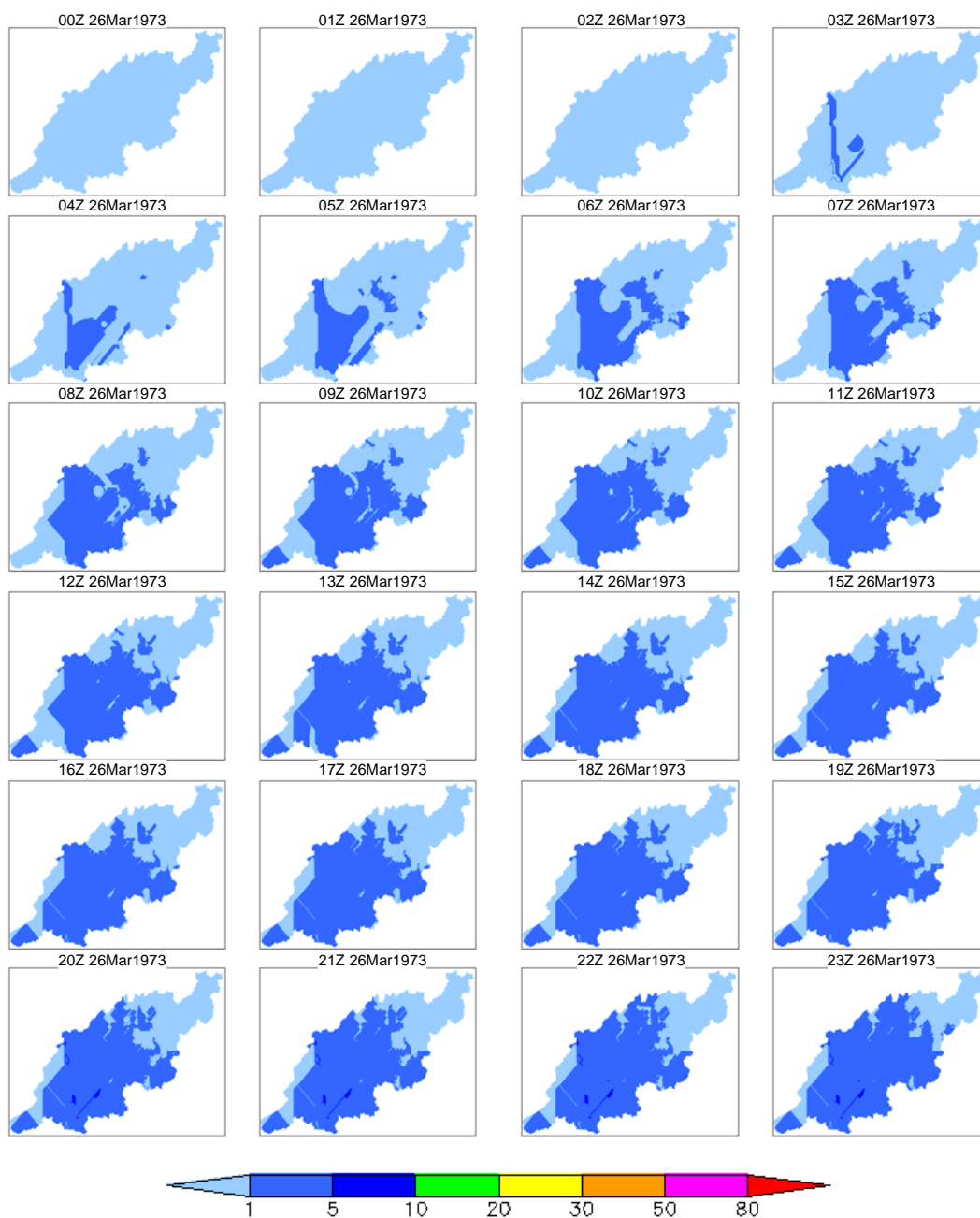


Figure 4a 5-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 1)

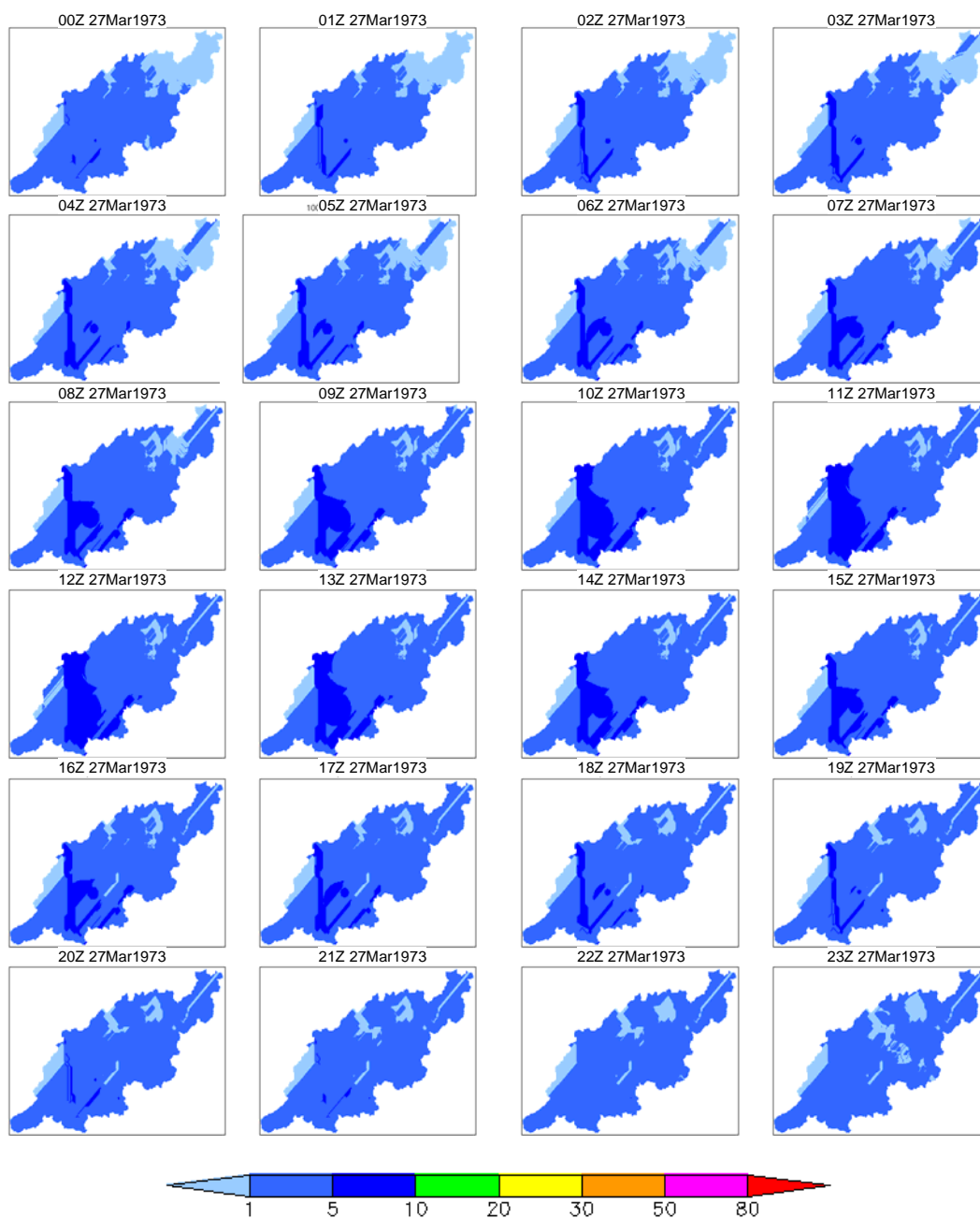


Figure 4b 5-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 2)

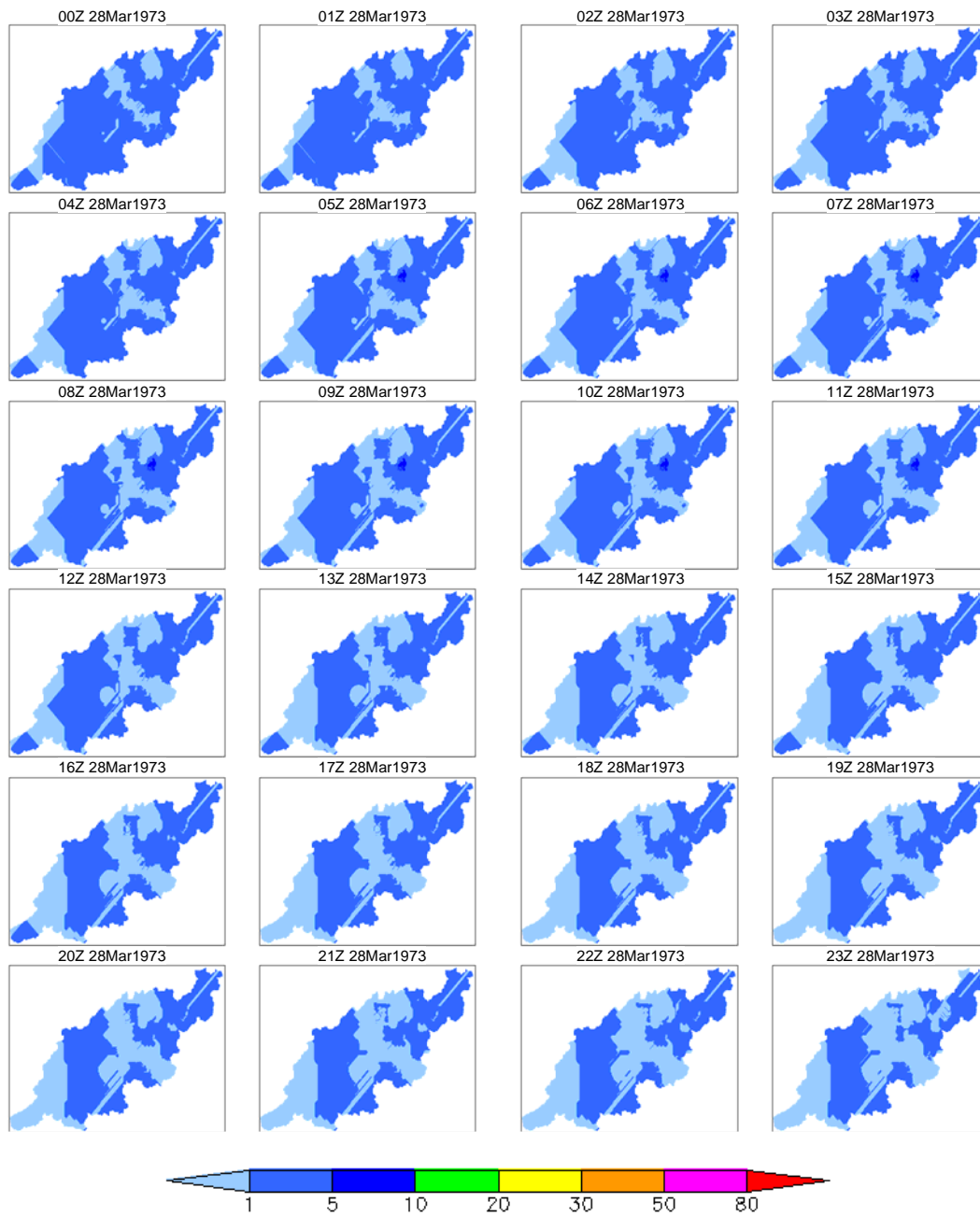


Figure 4c 5-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 3)

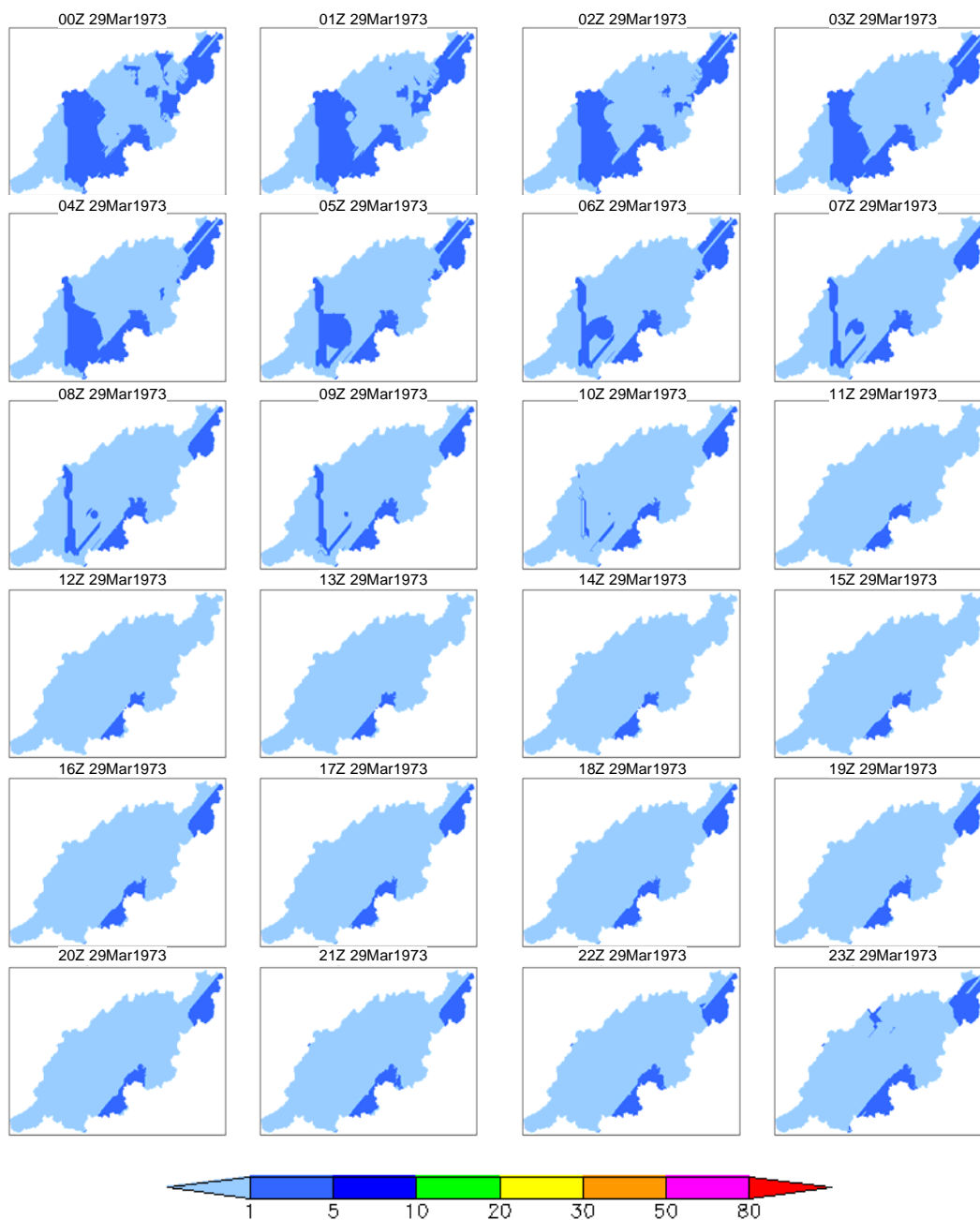


Figure 4d 5-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day 4)

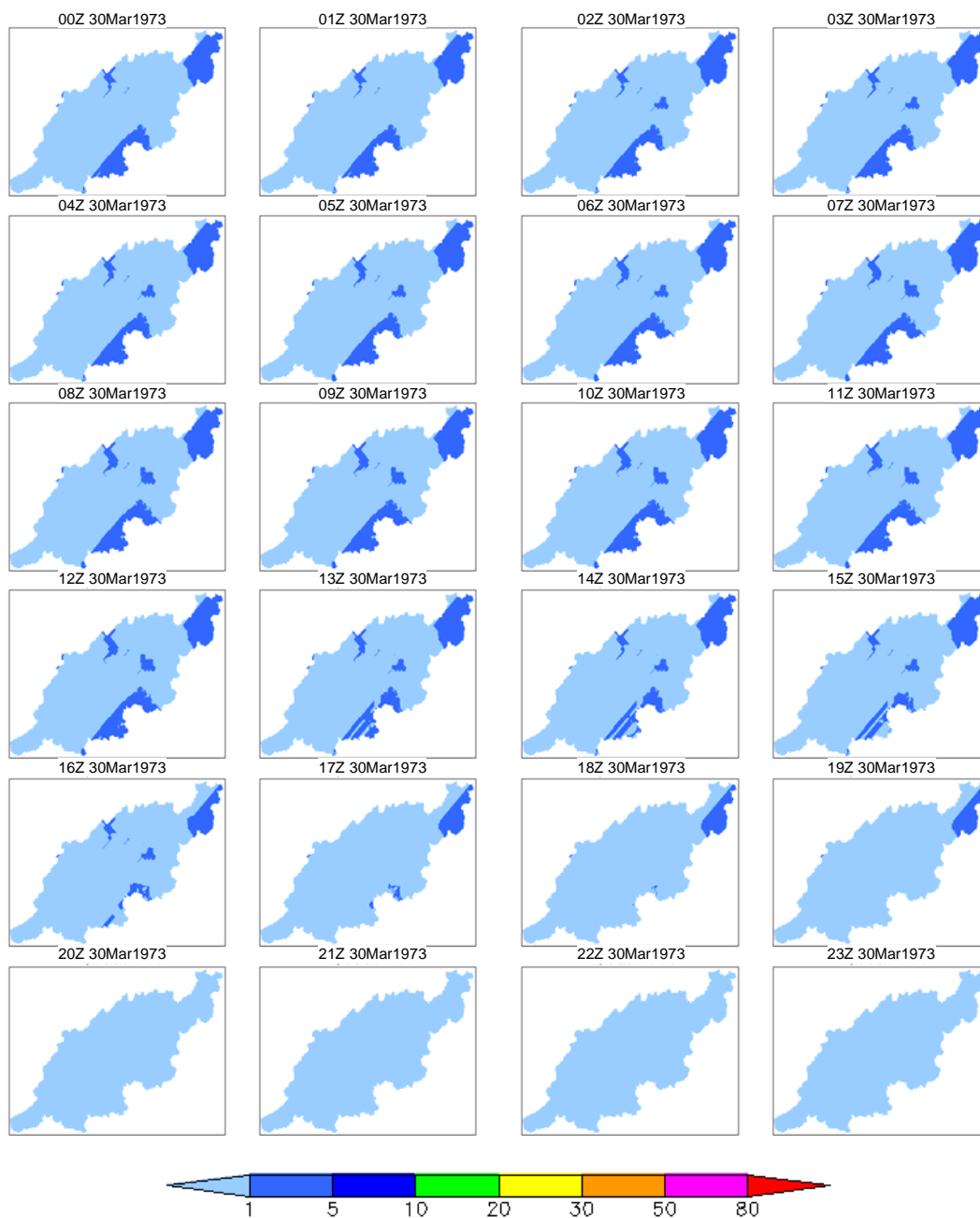


Figure 4e 5-day rainfall 100-year prob. spatio-temporal distribution
(March 1973 case, day5)

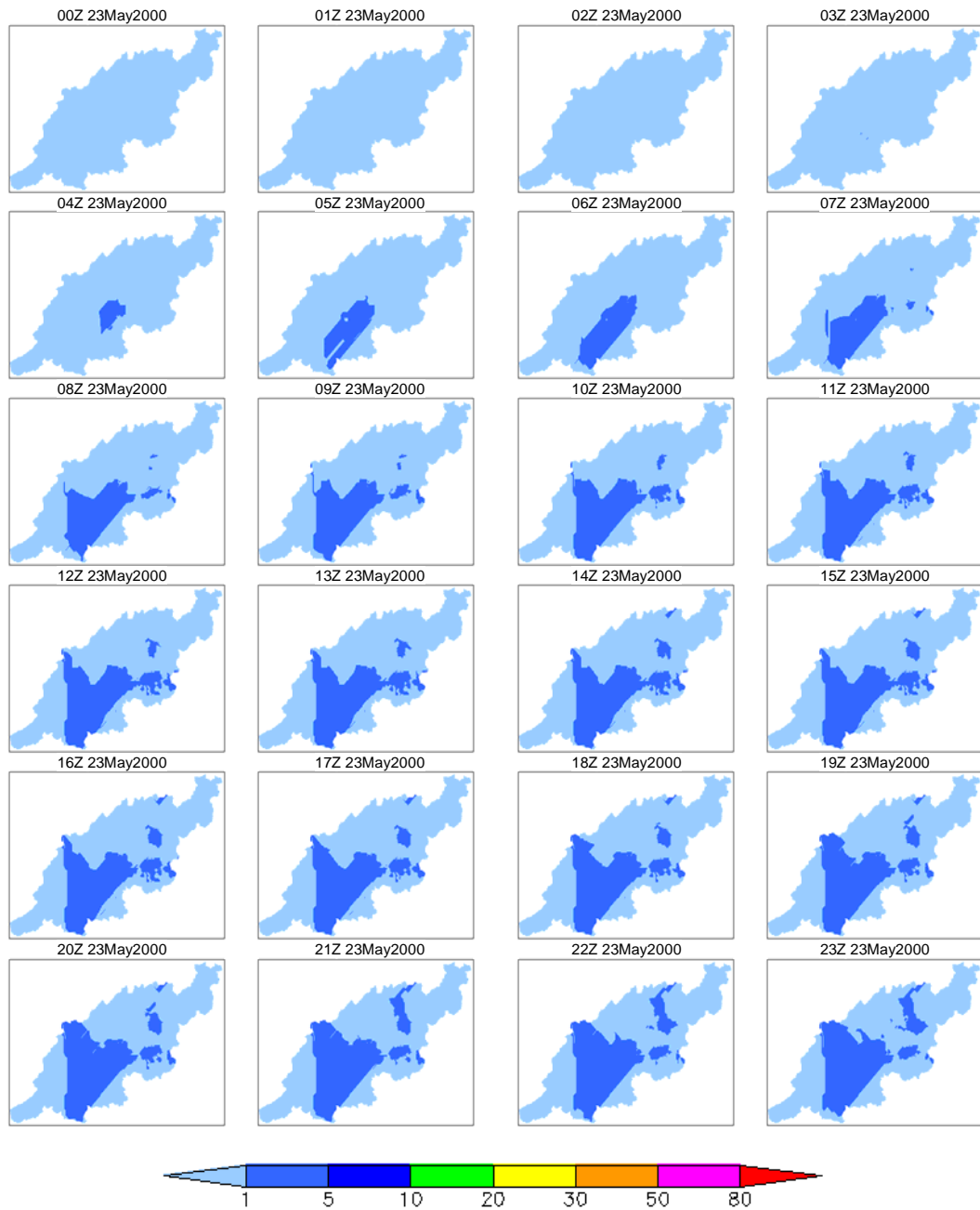


Figure 5a 5-day rainfall 100-year prob. spatio-temporal distribution
(May 2000 case, day 1)

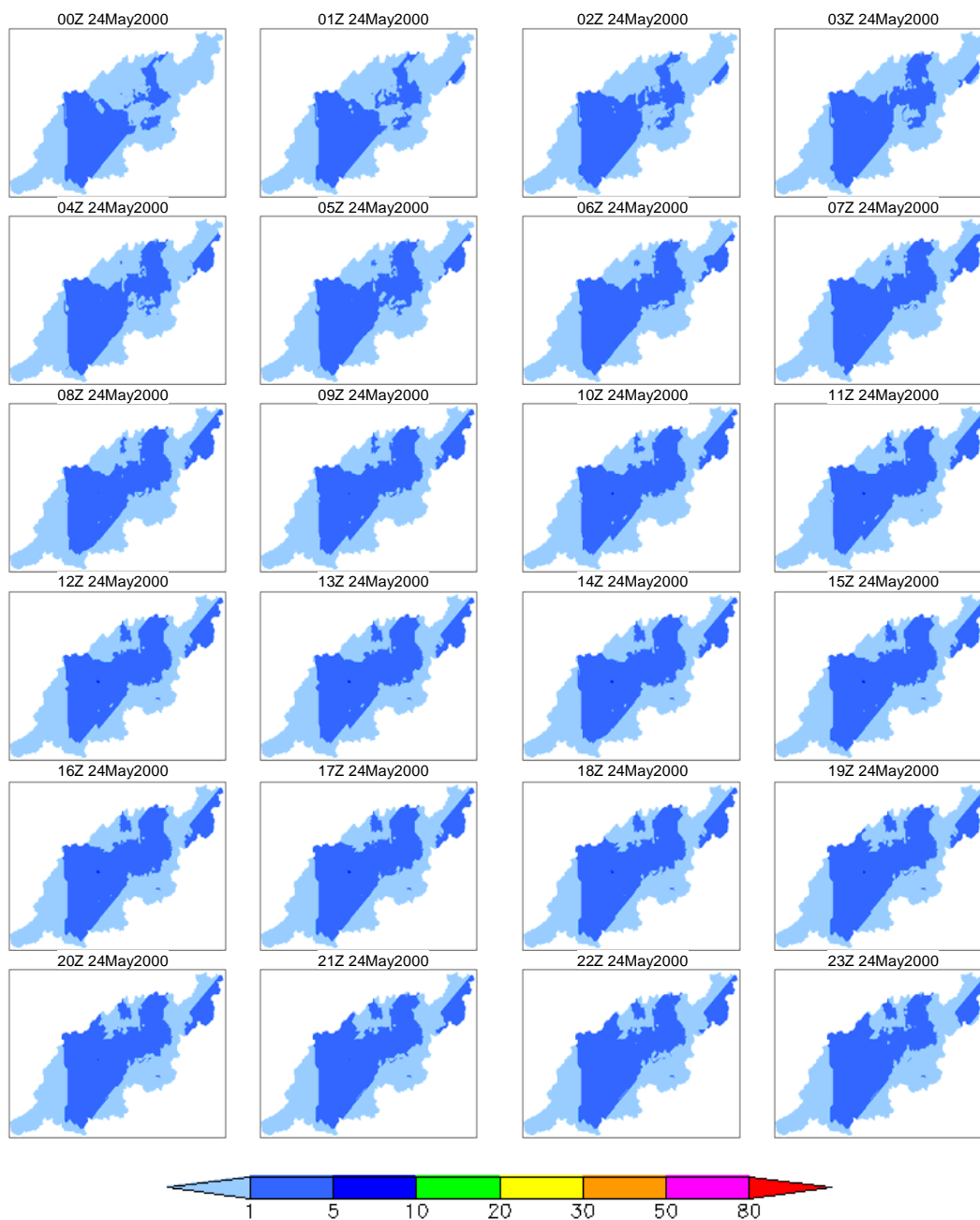


Figure 5b 5-day rainfall 100-year prob. spatio-temporal distribution
(May 2000 case, day 2)

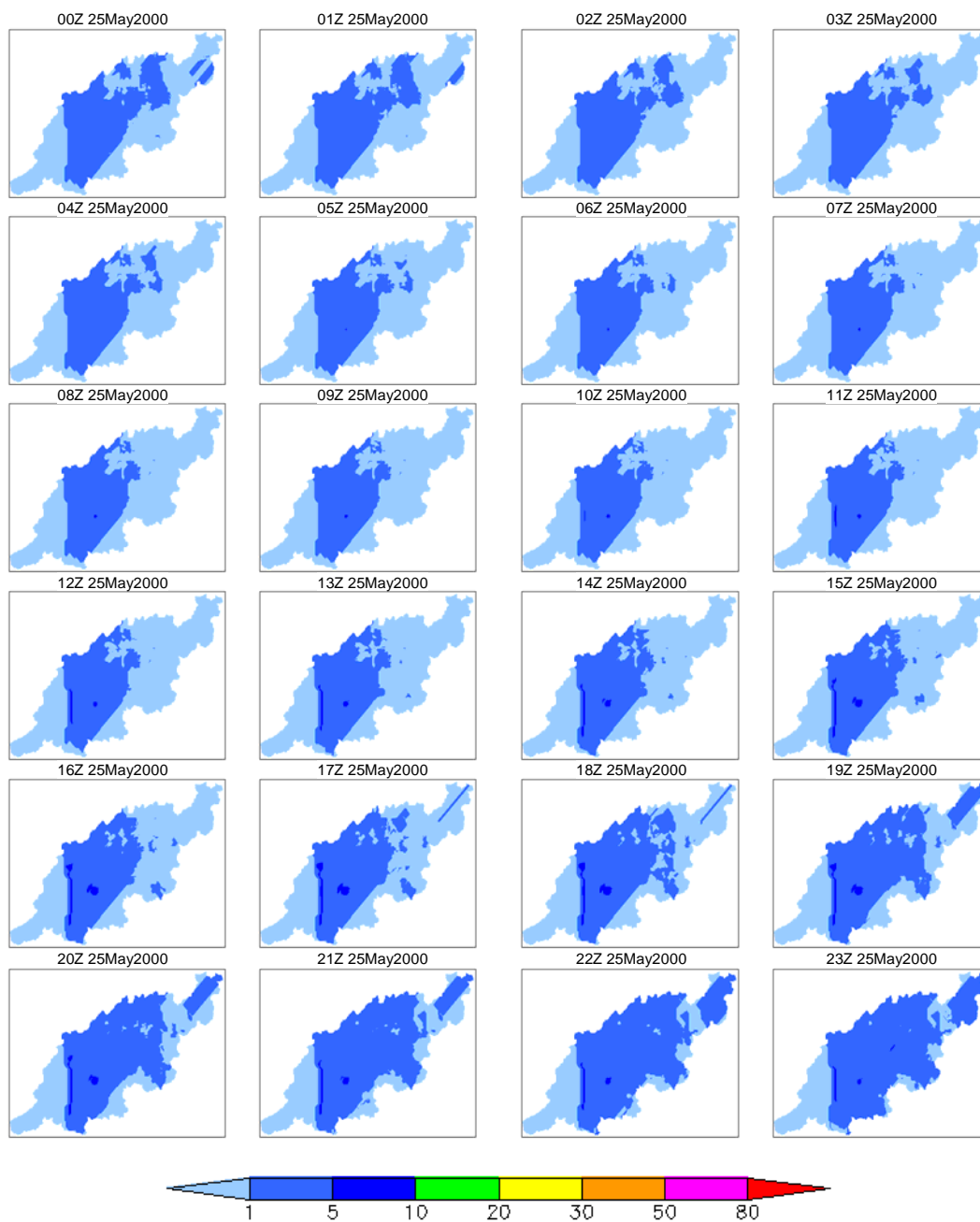


Figure 5c 5-day rainfall 100-year prob. spatio-temporal distribution
(May 2000 case, day 3)

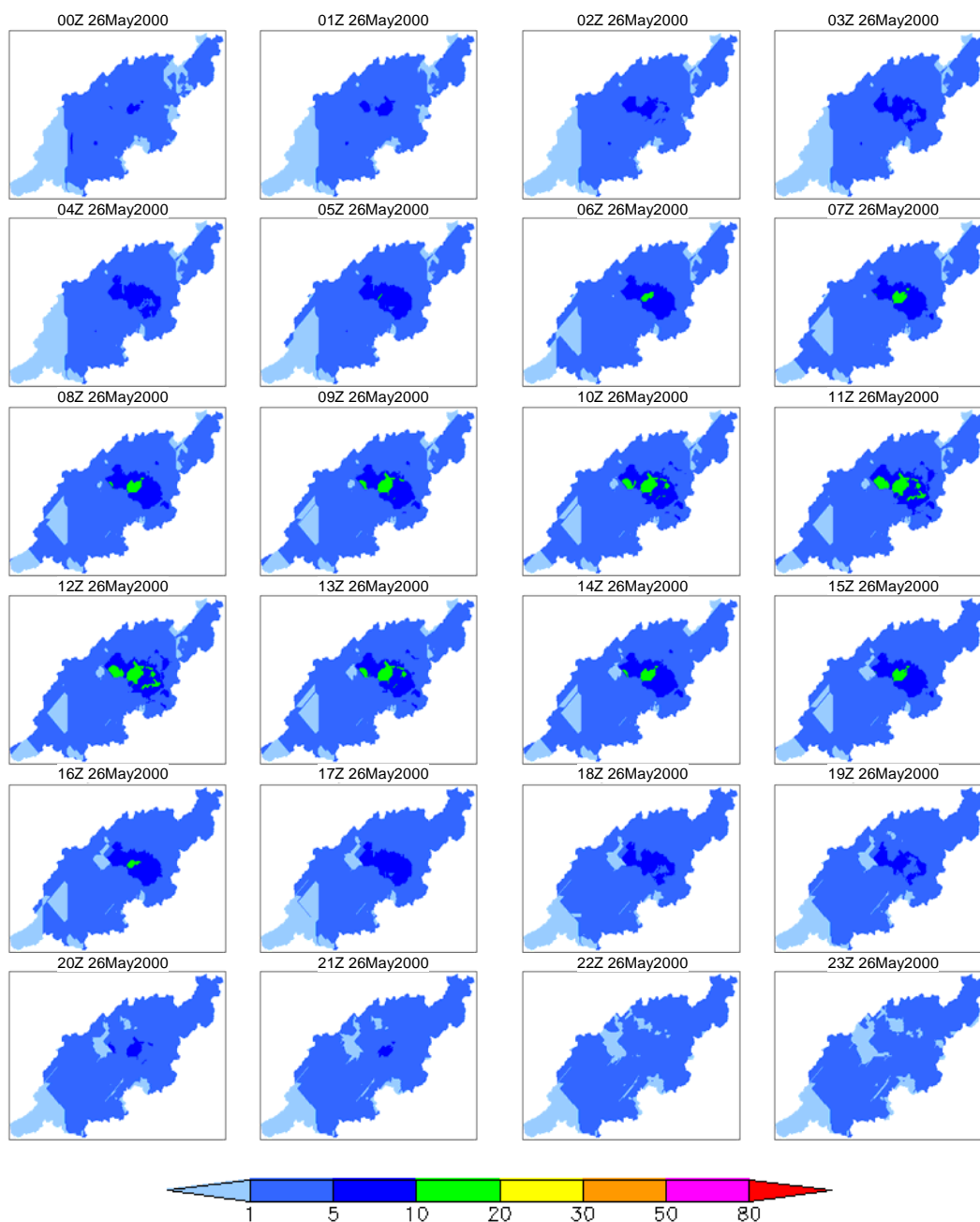


Figure 5d 5-day rainfall 100-year prob. spatio-temporal distribution
(May 2000 case, day 4)

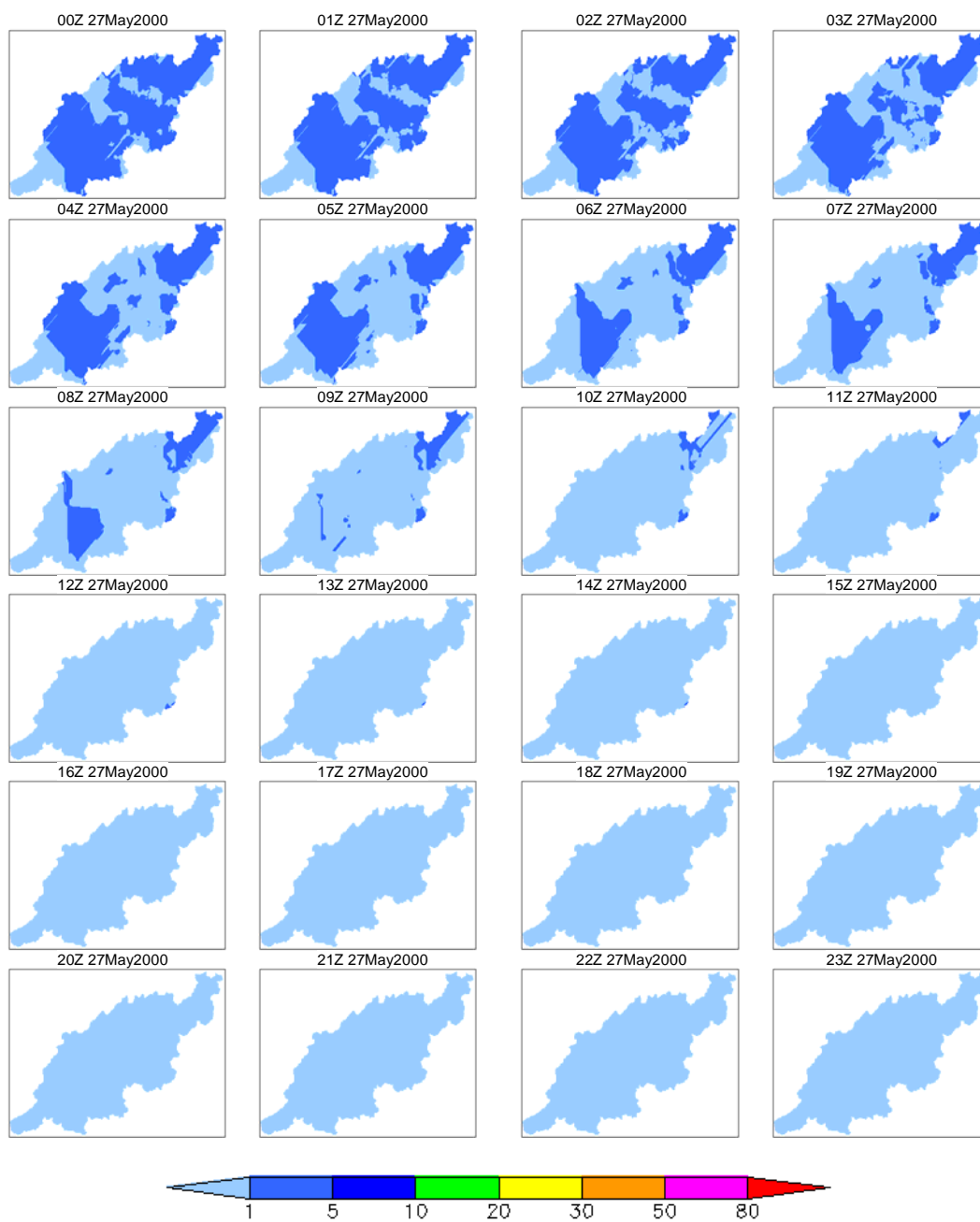


Figure 5e 5-day rainfall 100-year prob. spatio-temporal distribution
(May 2000 case, day 5)

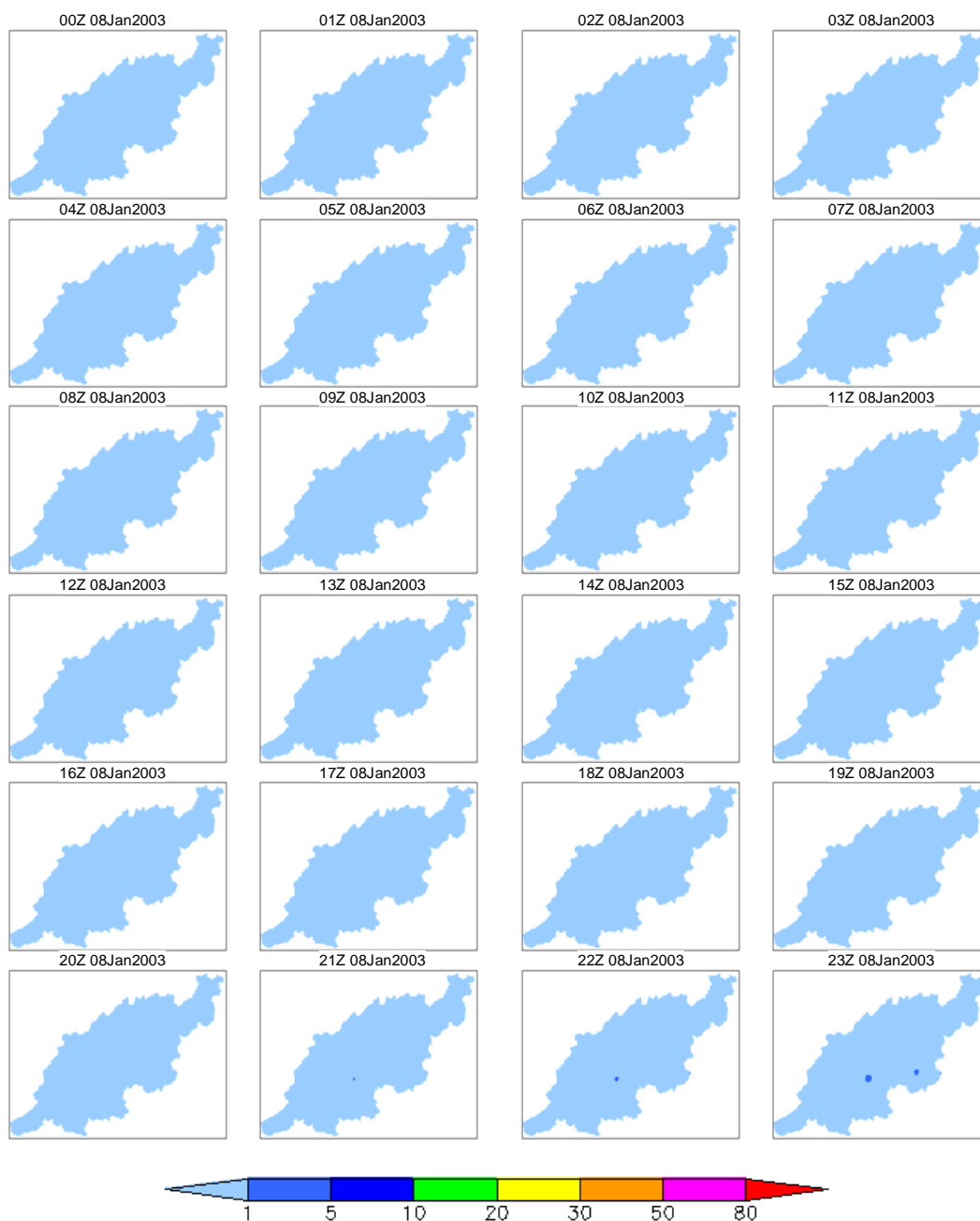


Figure 6a 5-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 1)

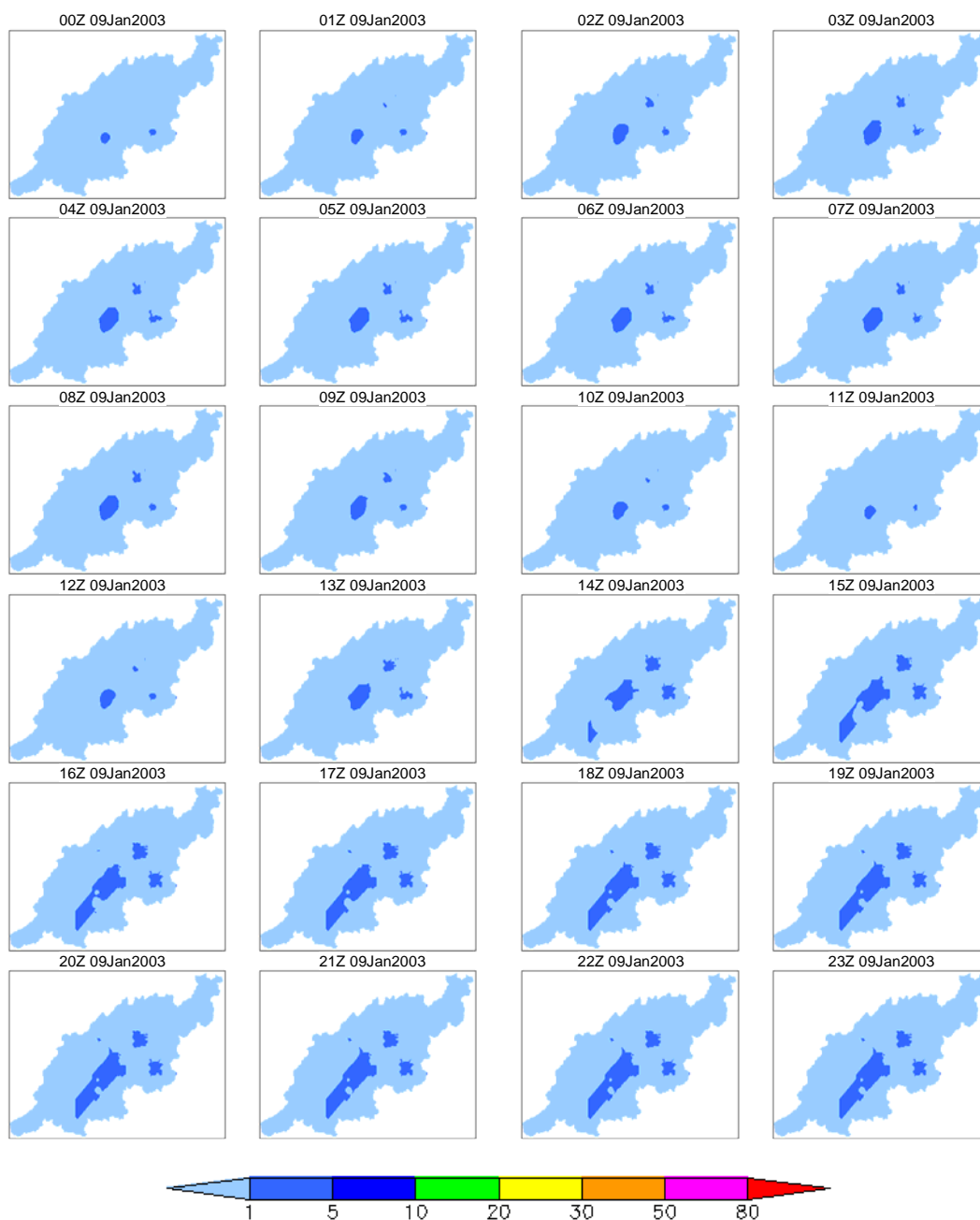


Figure 6b 5-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 2)

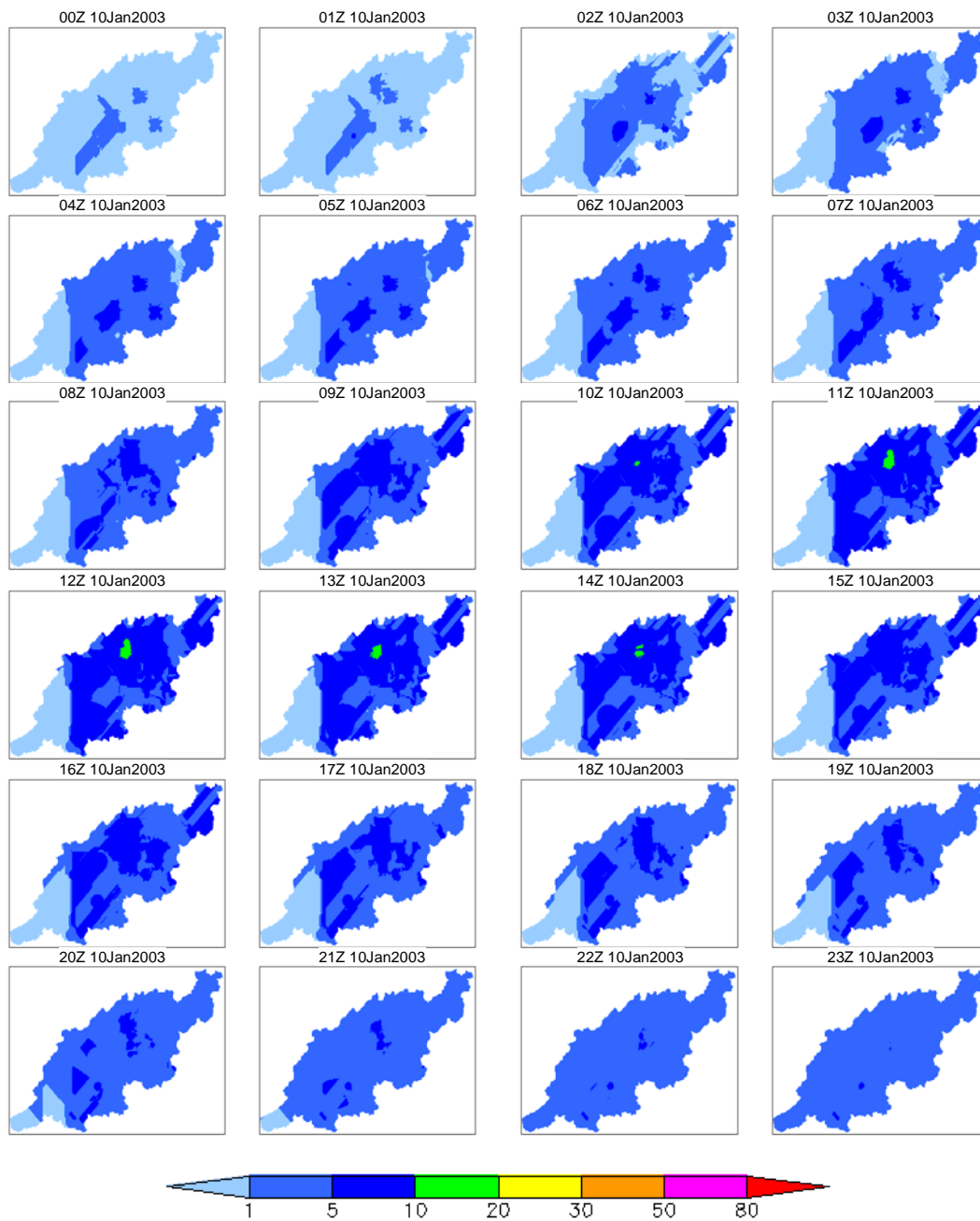


Figure 6c 5-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 3)

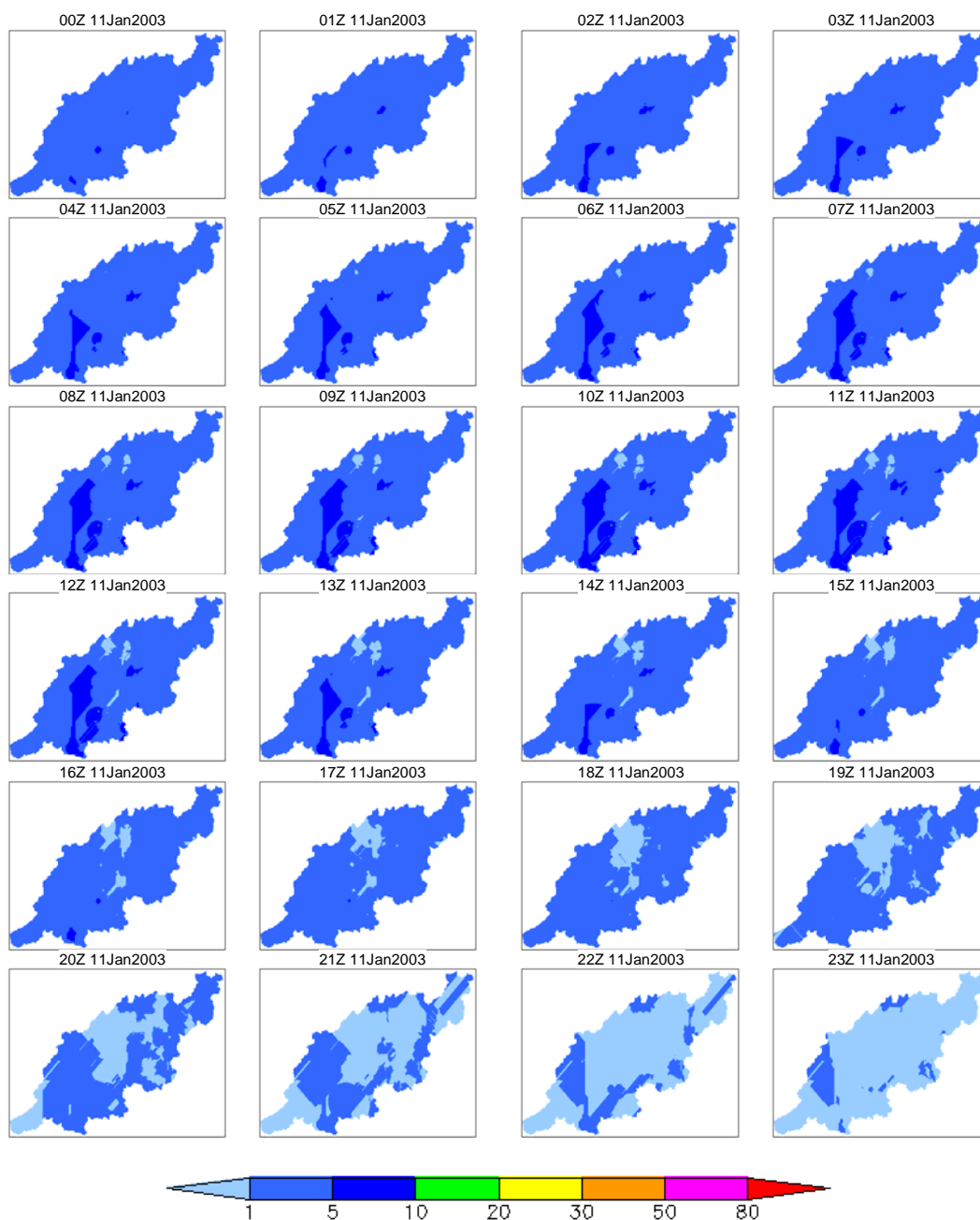


Figure 6d 5-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 4)

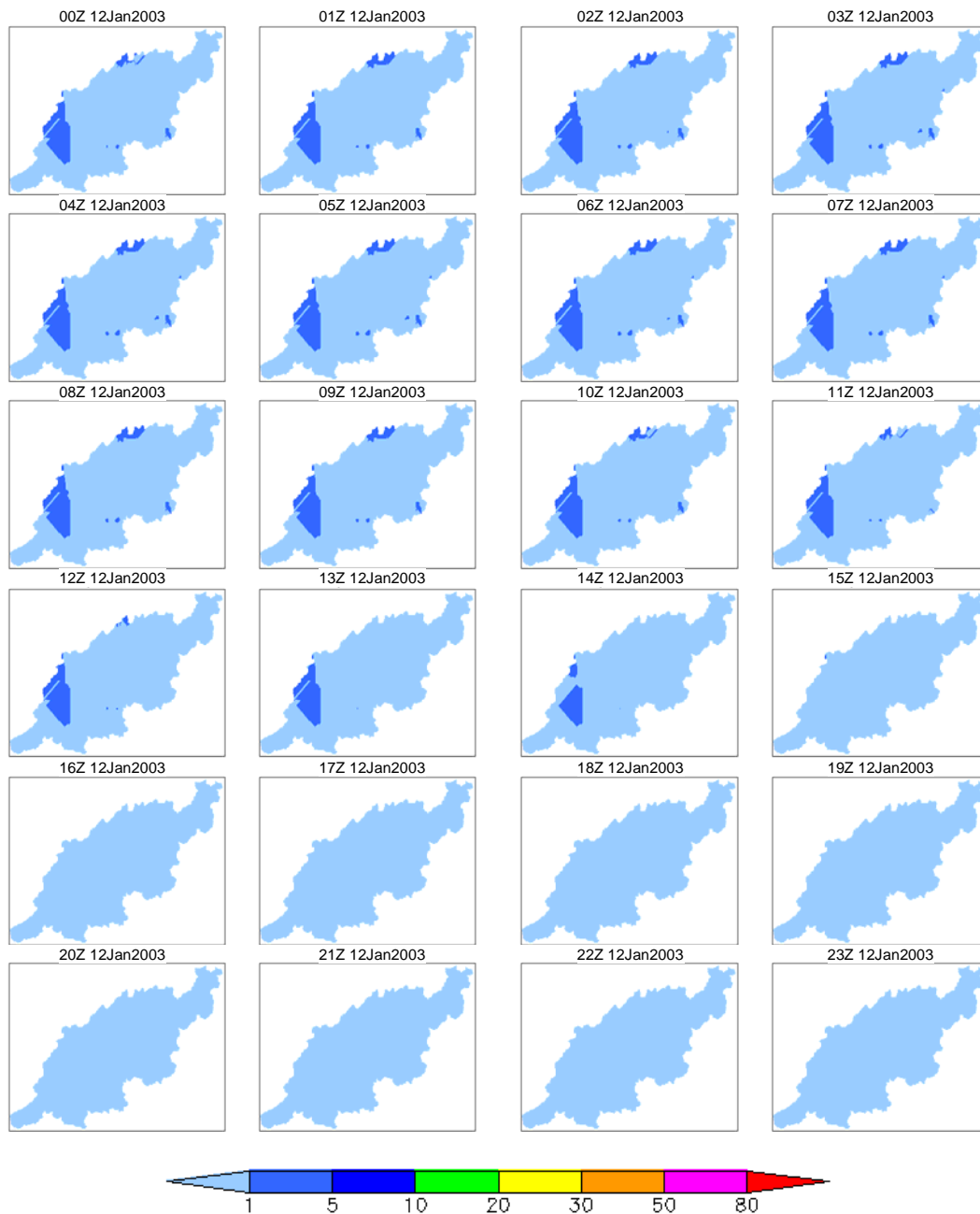


Figure 6e 5-day rainfall 100-year prob. spatio-temporal distribution
(January 2003 case, day 5)

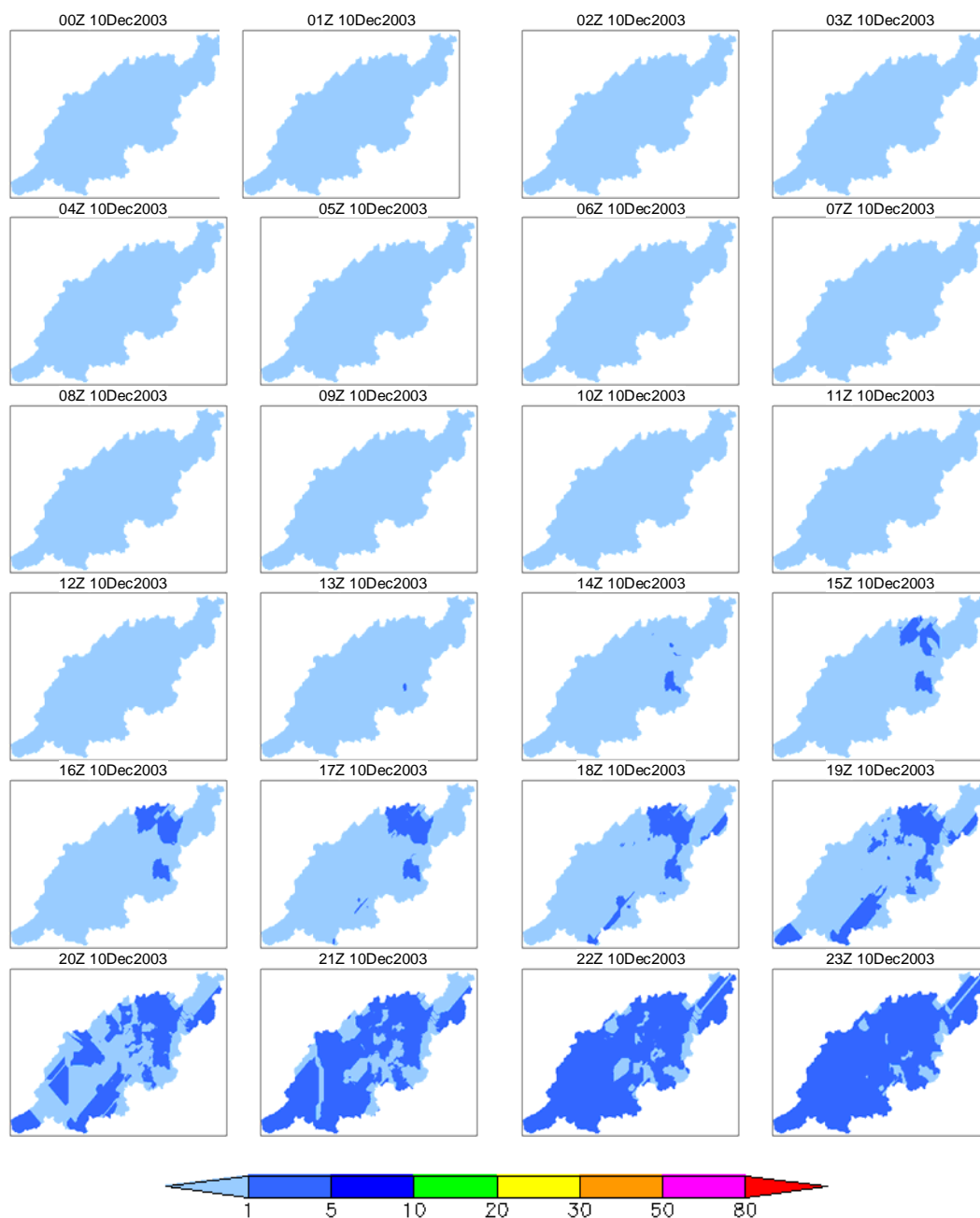


Figure 7a 5-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 1)

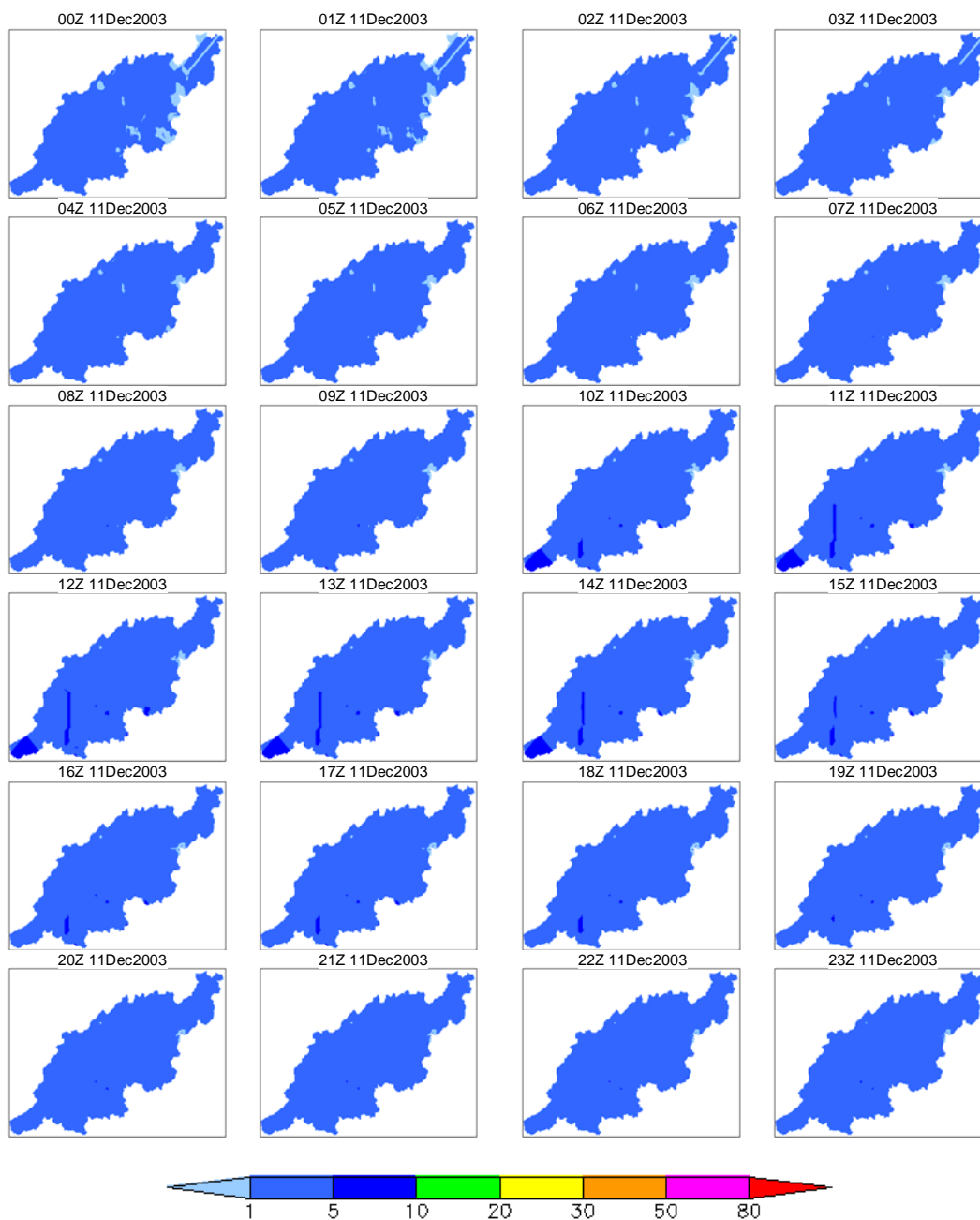


Figure 7b 5-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 2)

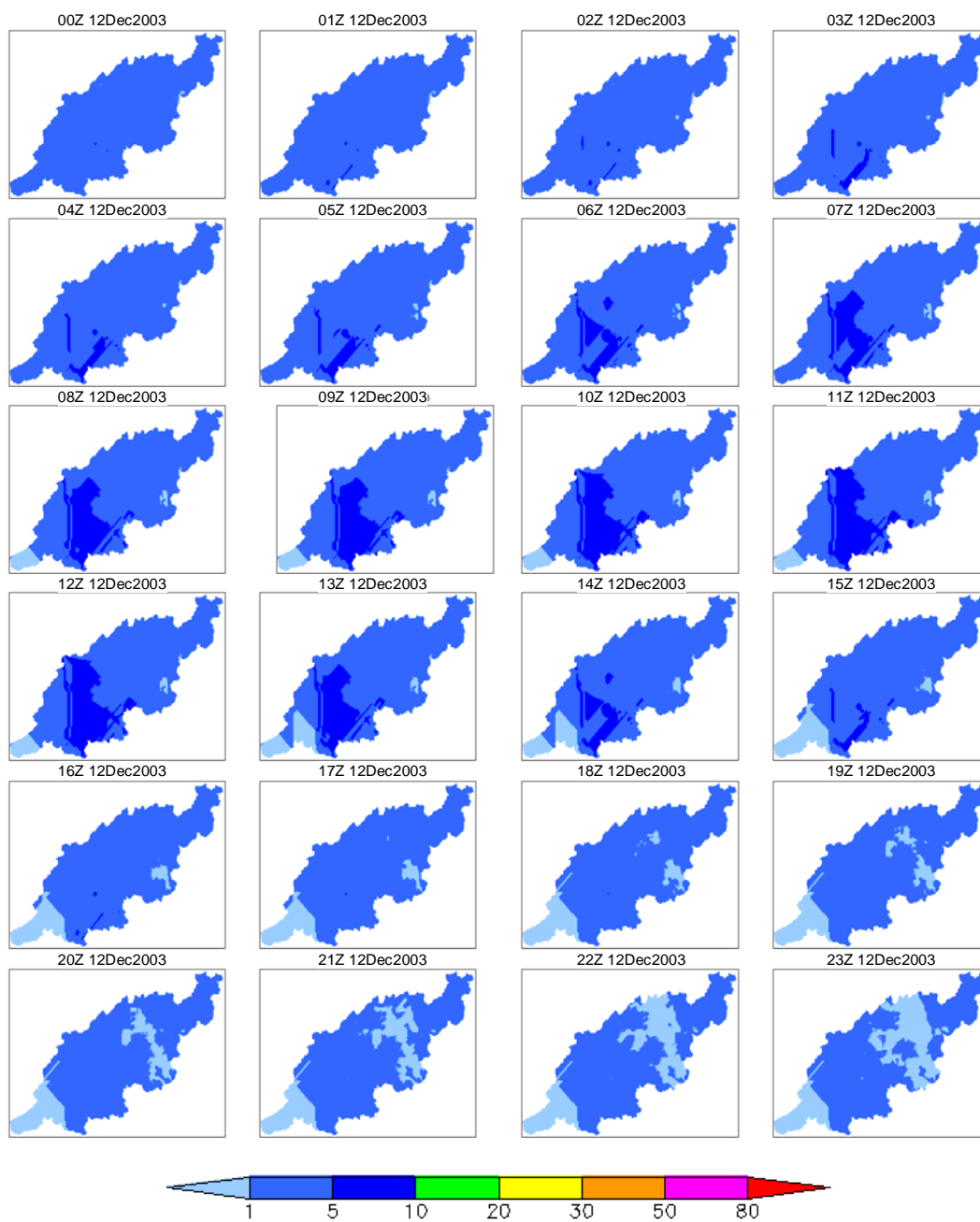


Figure 7c 5-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 3)

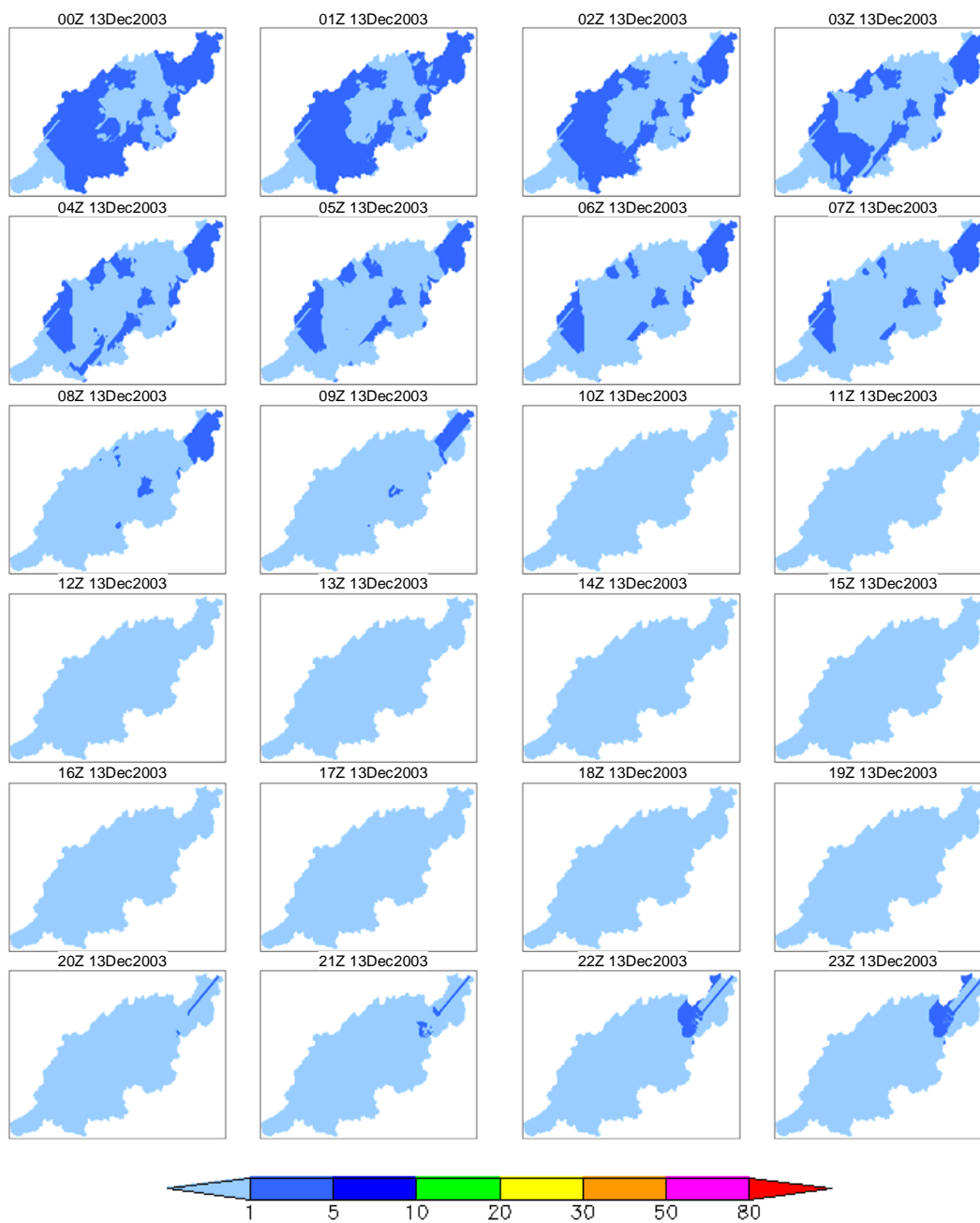


Figure 7d 5-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 4)

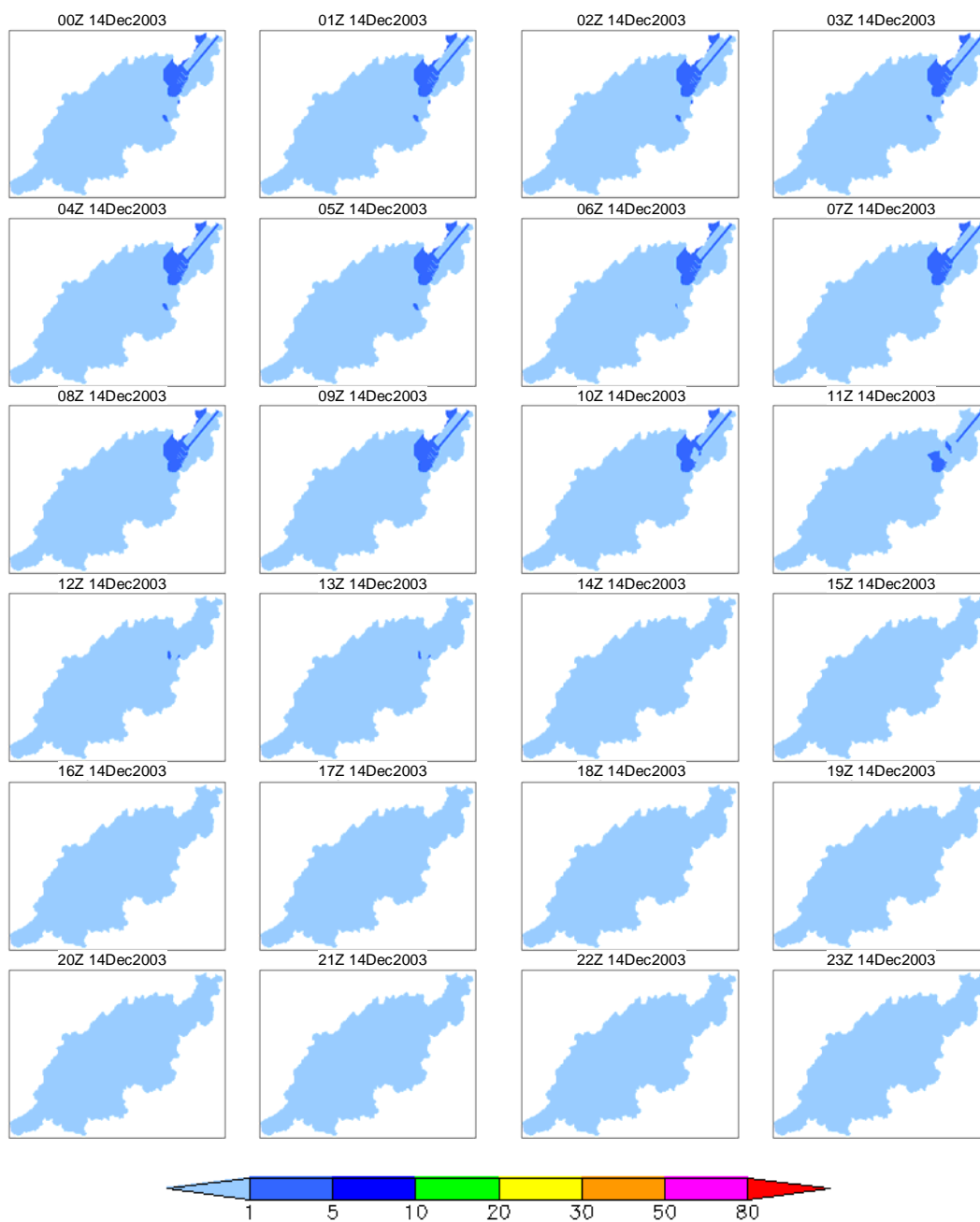


Figure 7e 5-day rainfall 100-year prob. spatio-temporal distribution
(December 2003 case, day 5)