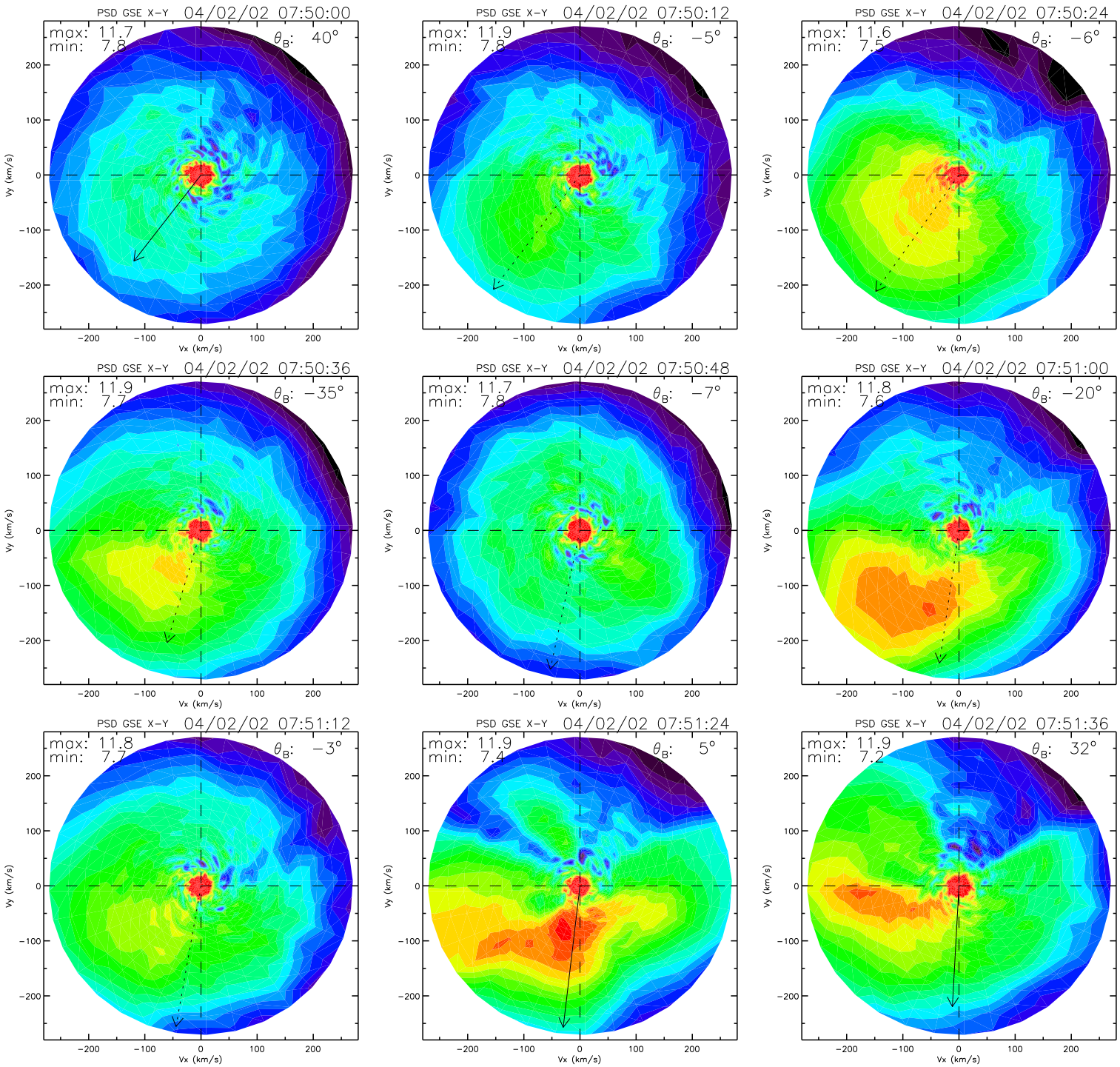
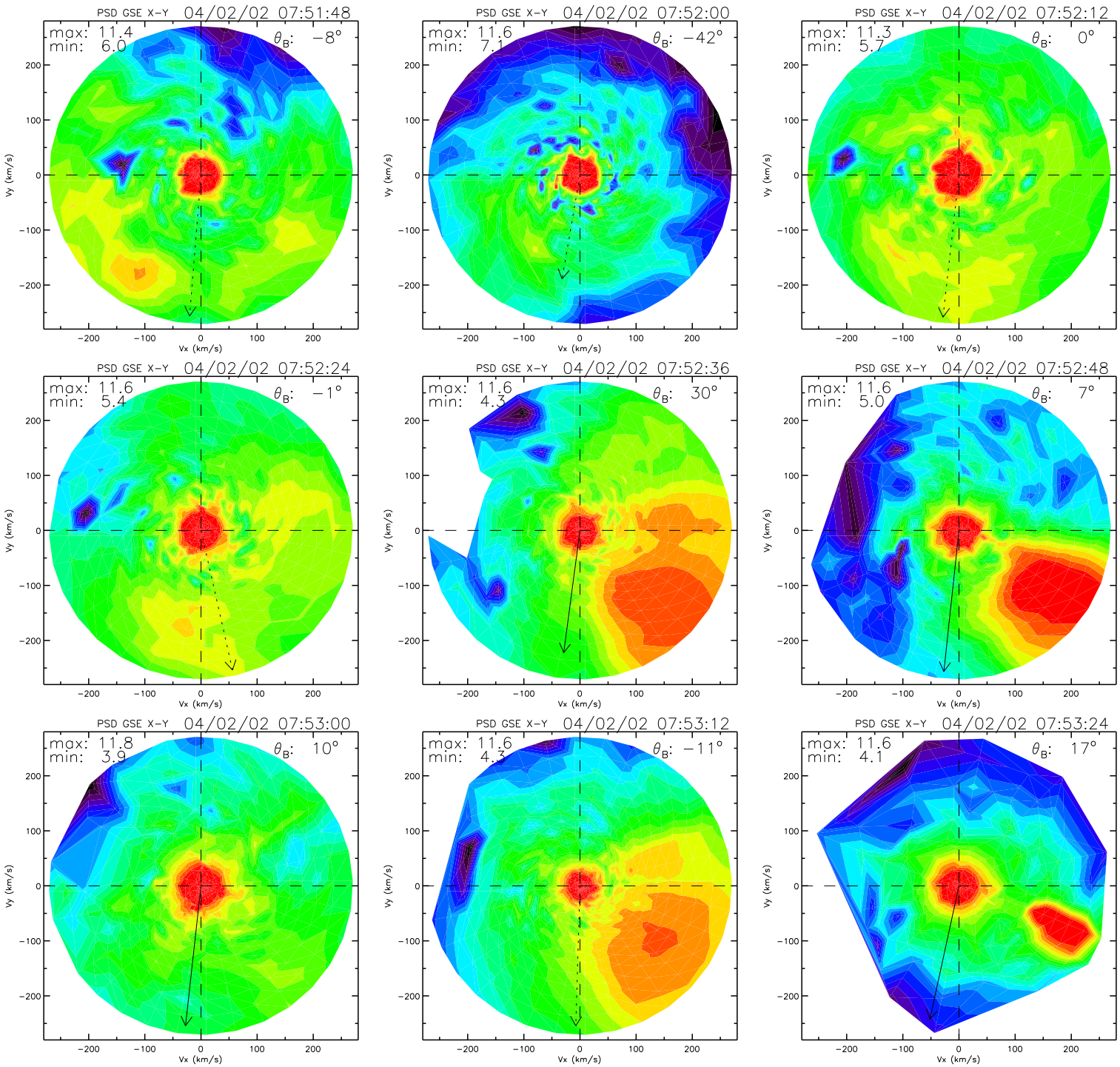
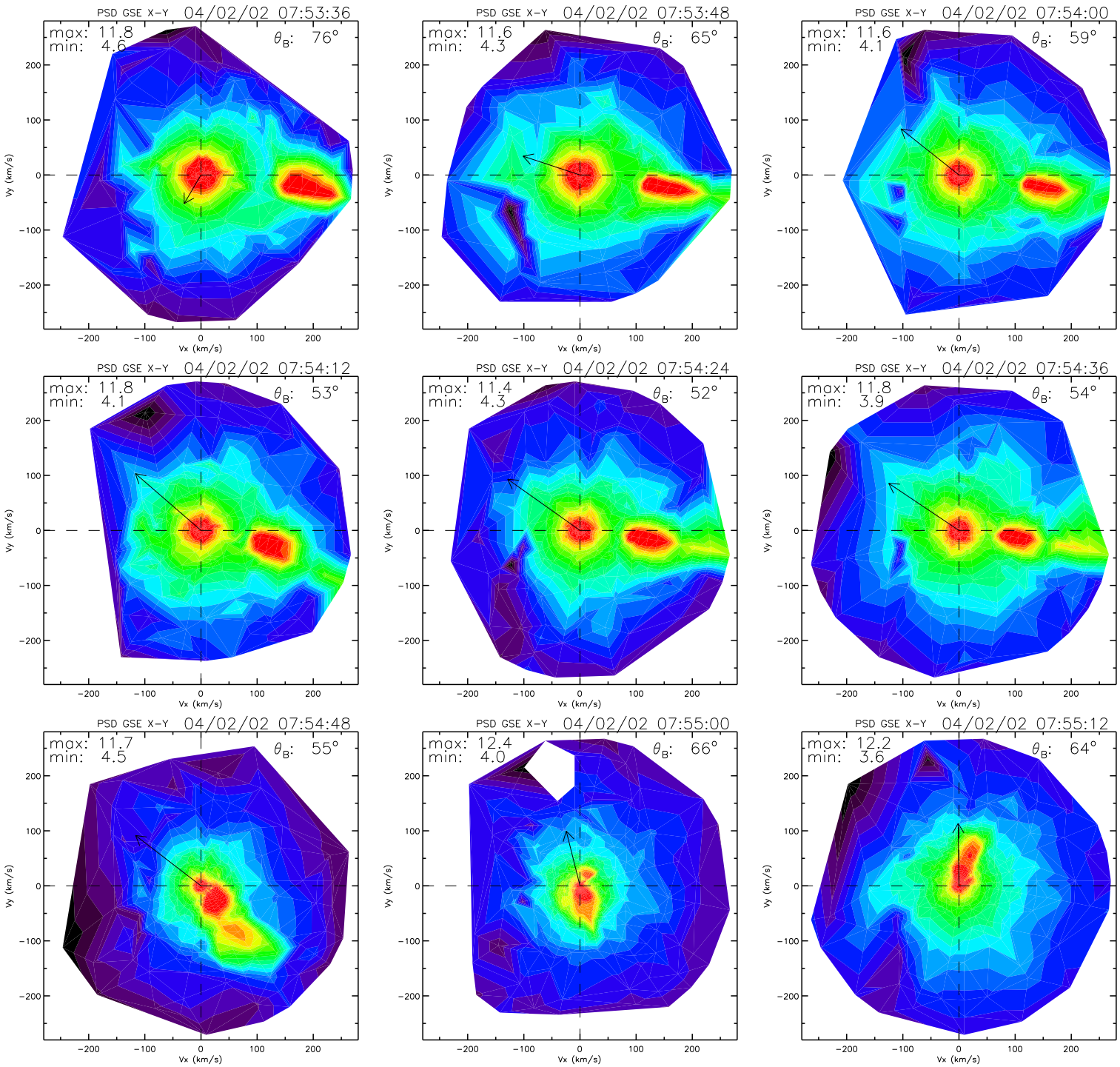
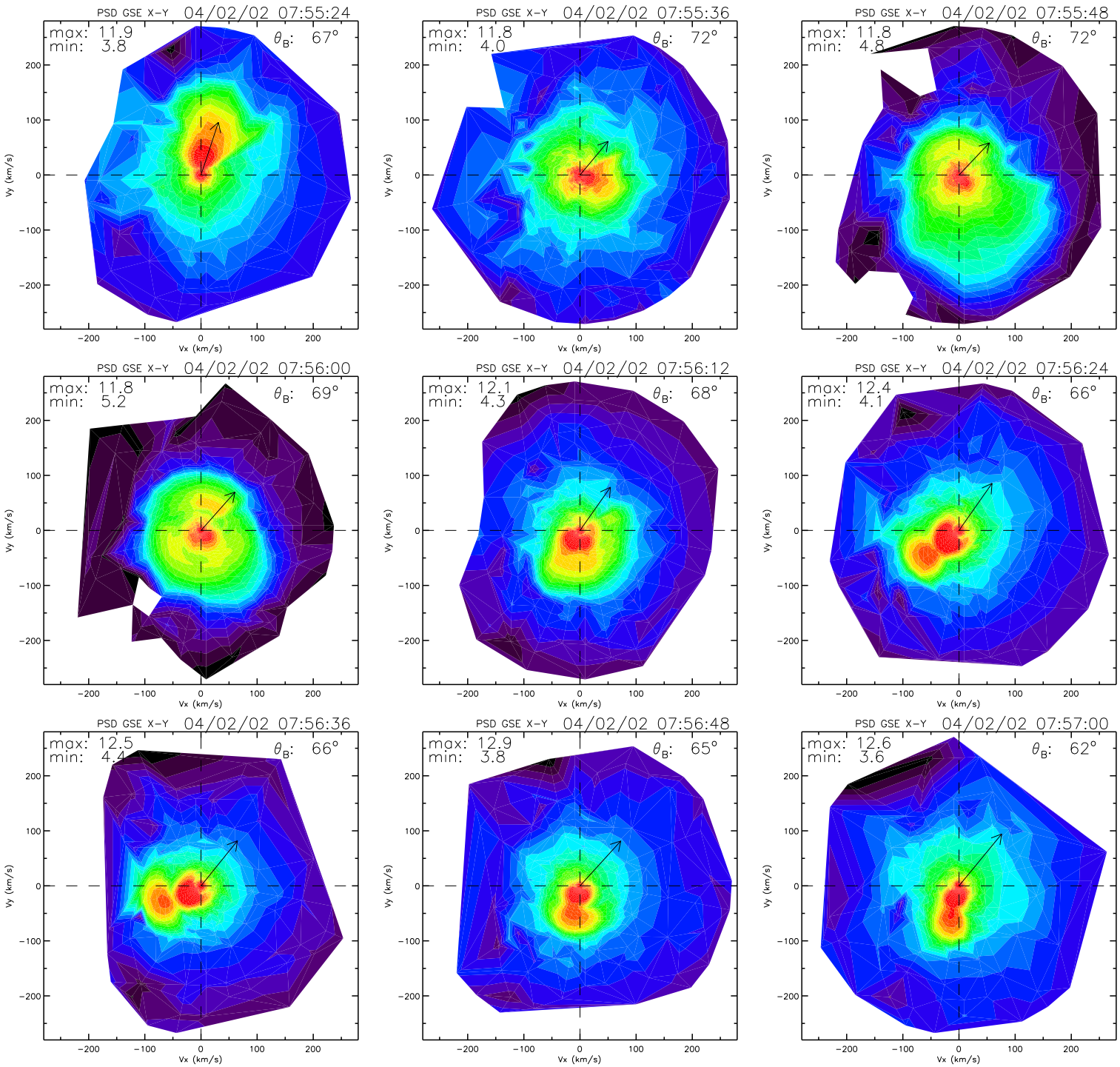
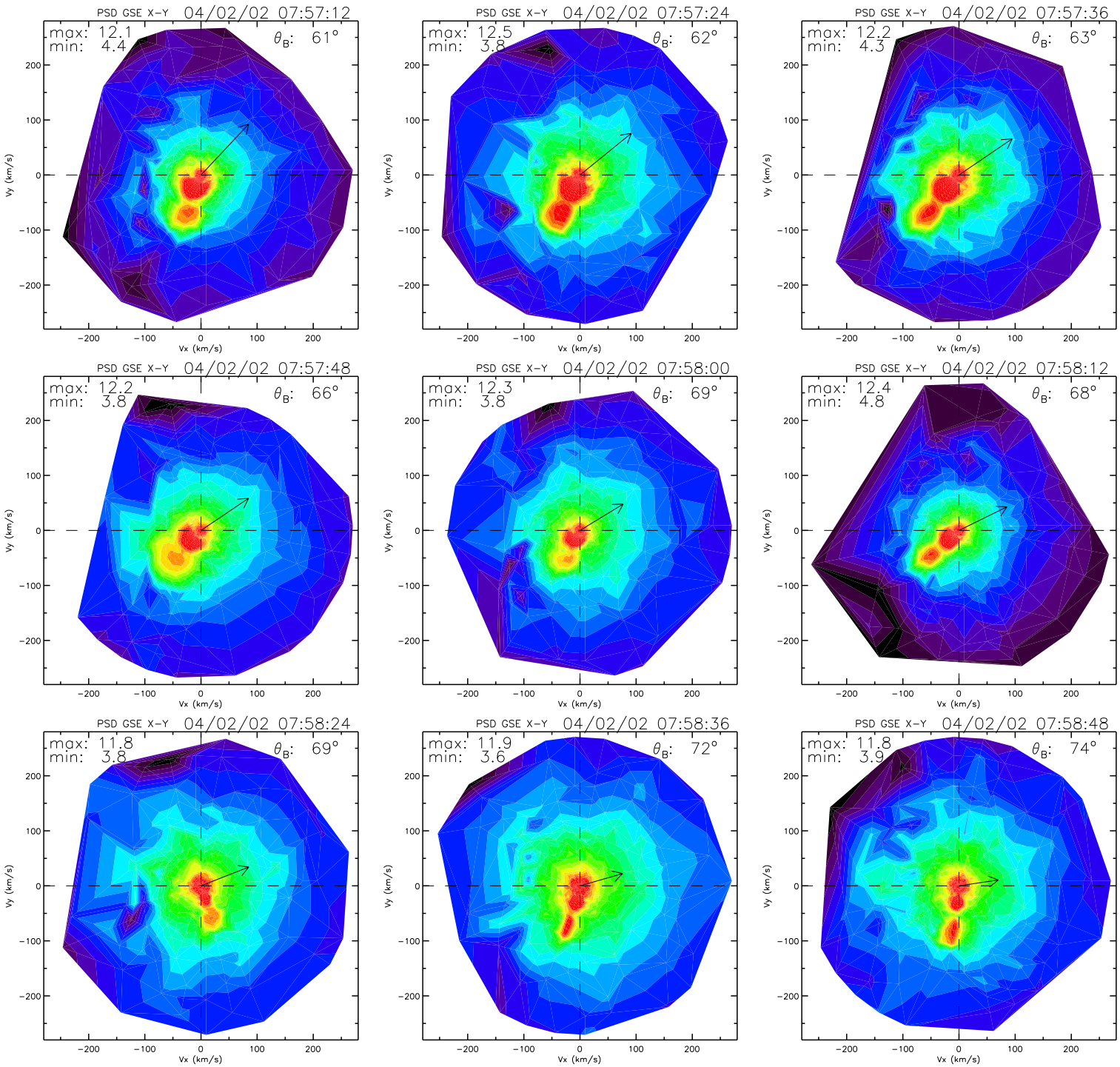
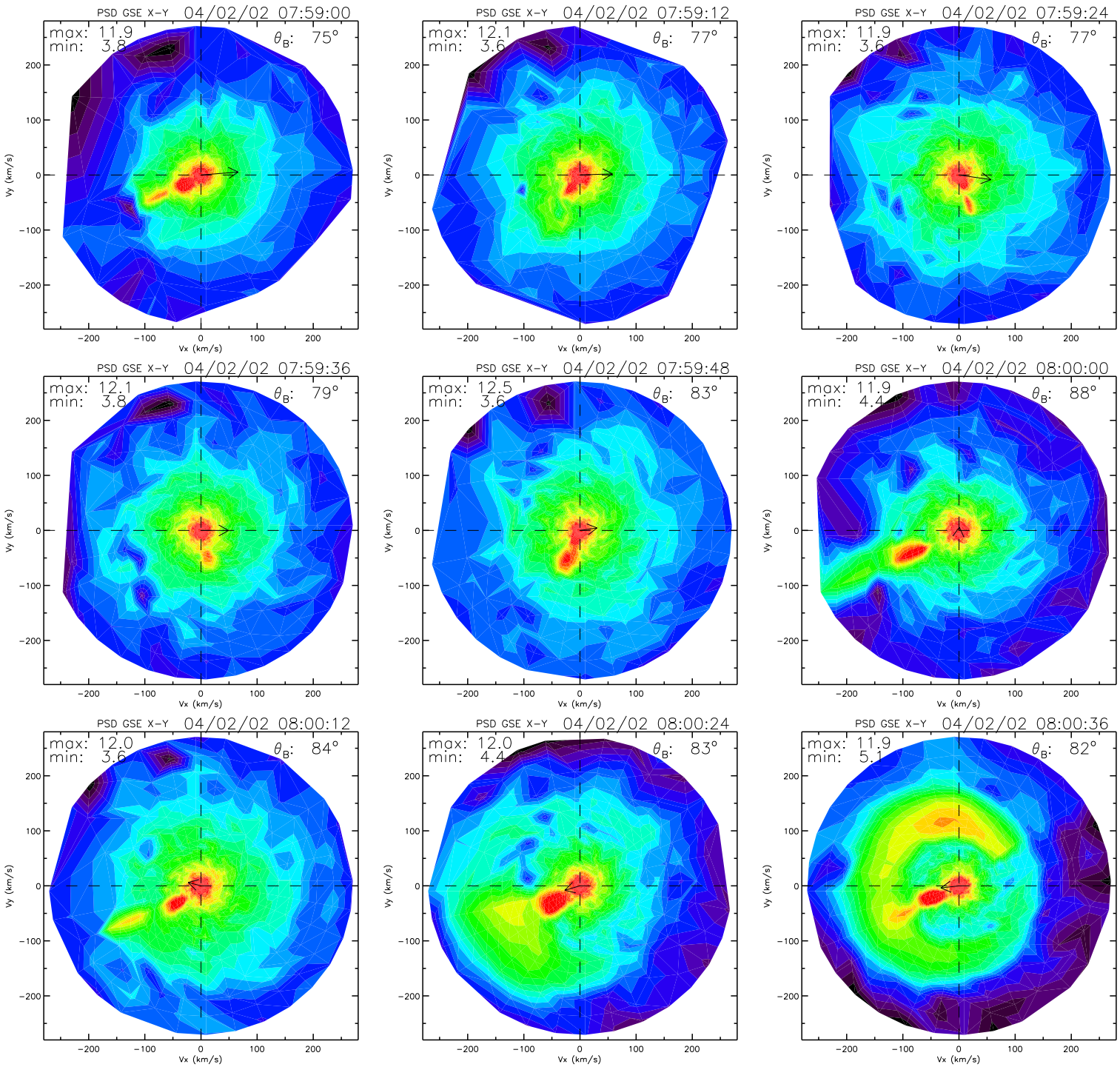

PSD GSE X-Y 04/02/02 07:50:00
max: 11.7
min: 7.8
θ_B: 40°
PSD GSE X-Y 04/02/02 07:50:12
max: 11.9
min: 7.8
θ_B: −5°
PSD GSE X-Y 04/02/02 07:50:24
max: 11.6
min: 7.5
θ_B: −6°
PSD GSE X-Y 04/02/02 07:50:36
max: 11.9
min: 7.7
θ_B: −35°
PSD GSE X-Y 04/02/02 07:50:48
max: 11.7
min: 7.8
θ_B: −7°
PSD GSE X-Y 04/02/02 07:51:00
max: 11.8
min: 7.6
θ_B: −20°
PSD GSE X-Y 04/02/02 07:51:12
max: 11.8
min: 7.7
θ_B: −3°
PSD GSE X-Y 04/02/02 07:51:24
max: 11.9
min: 7.4
θ_B: 5°
PSD GSE X-Y 04/02/02 07:51:36
max: 11.9
min: 7.2
θ_B: 32°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

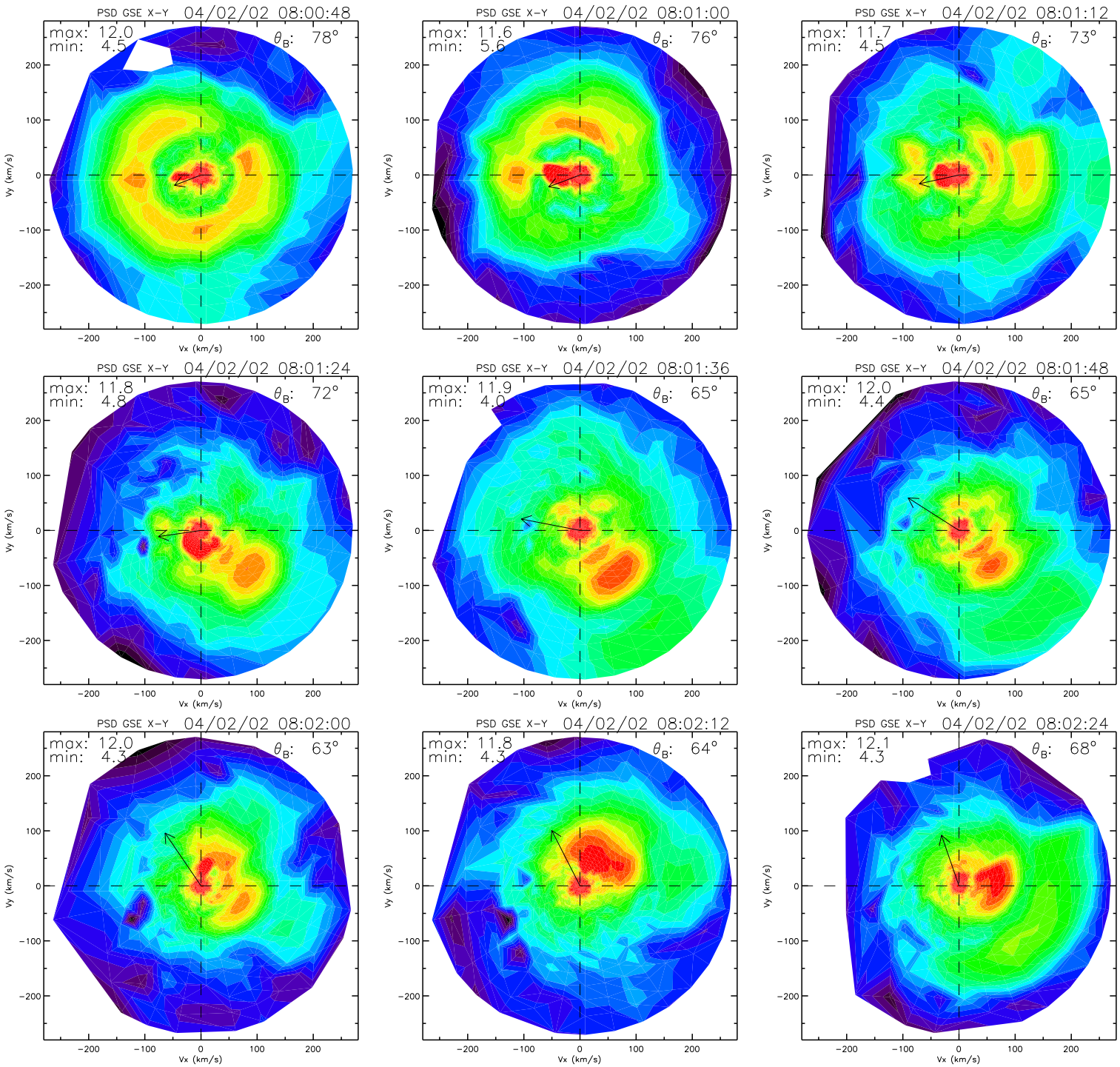

PSD GSE X-Y 04/02/02 07:51:48
max: 11.4
min: 6.0
θ_B: −8°
PSD GSE X-Y 04/02/02 07:52:00
max: 11.6
min: 7.1
θ_B: −42°
PSD GSE X-Y 04/02/02 07:52:12
max: 11.3
min: 5.7
θ_B: 0°
PSD GSE X-Y 04/02/02 07:52:24
max: 11.6
min: 5.4
θ_B: −1°
PSD GSE X-Y 04/02/02 07:52:36
max: 11.6
min: 4.3
θ_B: 30°
PSD GSE X-Y 04/02/02 07:52:48
max: 11.6
min: 5.0
θ_B: 7°
PSD GSE X-Y 04/02/02 07:53:00
max: 11.8
min: 3.9
θ_B: 10°
PSD GSE X-Y 04/02/02 07:53:12
max: 11.6
min: 4.3
θ_B: −11°
PSD GSE X-Y 04/02/02 07:53:24
max: 11.6
min: 4.1
θ_B: 17°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

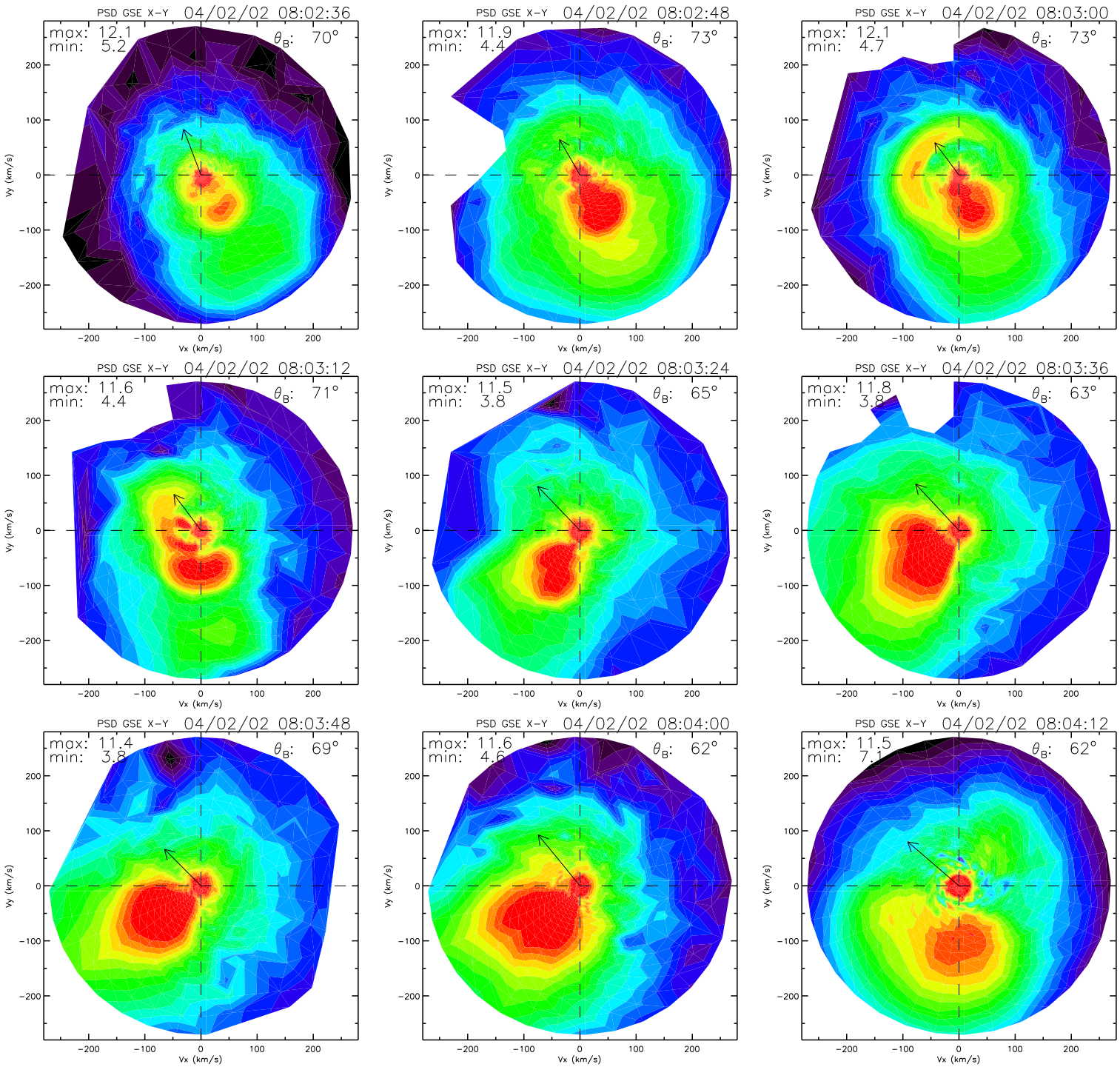

PSD GSE X-Y 04/02/02 07:53:36
max: 11.8
min: 4.6
θB: 76°
PSD GSE X-Y 04/02/02 07:53:48
max: 11.6
min: 4.3
θB: 65°
PSD GSE X-Y 04/02/02 07:54:00
max: 11.6
min: 4.1
θB: 59°
PSD GSE X-Y 04/02/02 07:54:12
max: 11.8
min: 4.1
θB: 53°
PSD GSE X-Y 04/02/02 07:54:24
max: 11.4
min: 4.3
θB: 52°
PSD GSE X-Y 04/02/02 07:54:36
max: 11.8
min: 3.9
θB: 54°
PSD GSE X-Y 04/02/02 07:54:48
max: 11.7
min: 4.5
θB: 55°
PSD GSE X-Y 04/02/02 07:55:00
max: 12.4
min: 4.0
θB: 66°
PSD GSE X-Y 04/02/02 07:55:12
max: 12.2
min: 3.6
θB: 64°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

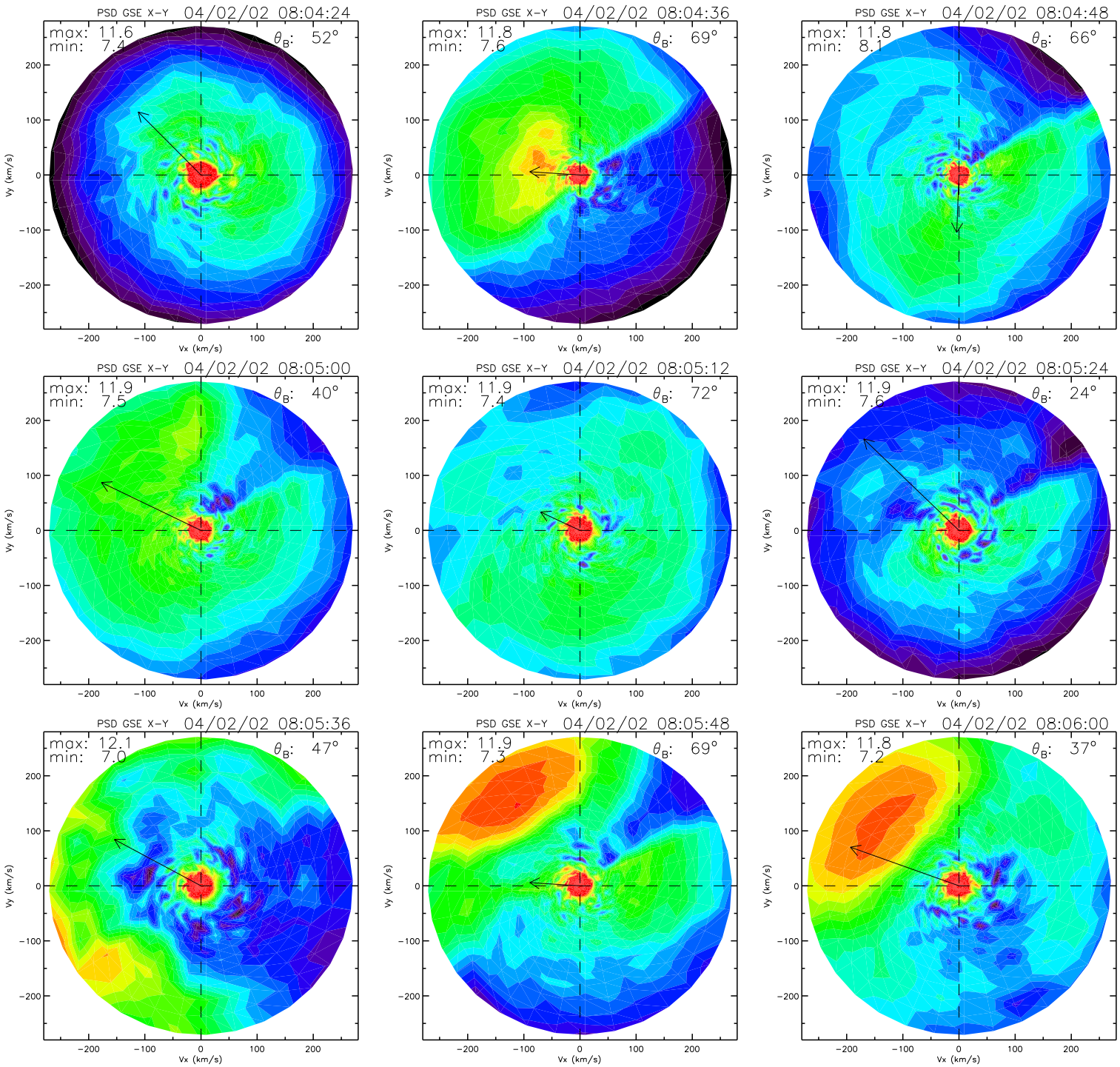

PSD GSE X-Y 04/02/02 07:55:24
max: 11.9
min: 3.8
θB: 67°
PSD GSE X-Y 04/02/02 07:55:36
max: 11.8
min: 4.0
θB: 72°
PSD GSE X-Y 04/02/02 07:55:48
max: 11.8
min: 4.8
θB: 72°
PSD GSE X-Y 04/02/02 07:56:00
max: 11.8
min: 5.2
θB: 69°
PSD GSE X-Y 04/02/02 07:56:12
max: 12.1
min: 4.3
θB: 68°
PSD GSE X-Y 04/02/02 07:56:24
max: 12.4
min: 4.1
θB: 66°
PSD GSE X-Y 04/02/02 07:56:36
max: 12.5
min: 4.4
θB: 66°
PSD GSE X-Y 04/02/02 07:56:48
max: 12.9
min: 3.8
θB: 65°
PSD GSE X-Y 04/02/02 07:57:00
max: 12.6
min: 3.6
θB: 62°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

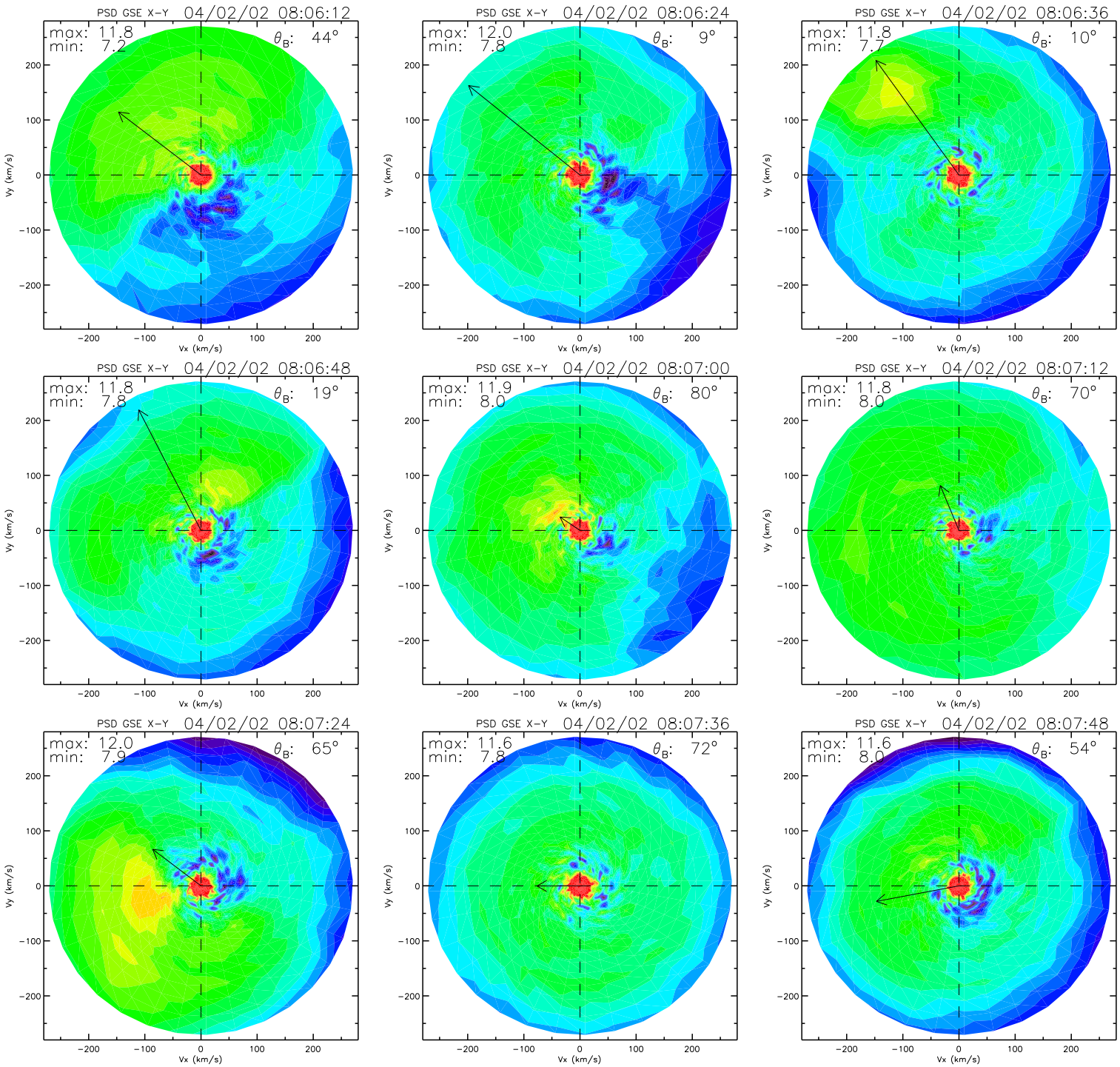

PSD GSE X-Y 04/02/02 07:57:12
max: 12.1
min: 4.4
θ_B: 61°
PSD GSE X-Y 04/02/02 07:57:24
max: 12.5
min: 3.8
θ_B: 62°
PSD GSE X-Y 04/02/02 07:57:36
max: 12.2
min: 4.3
θ_B: 63°
PSD GSE X-Y 04/02/02 07:57:48
max: 12.2
min: 3.8
θ_B: 66°
PSD GSE X-Y 04/02/02 07:58:00
max: 12.3
min: 3.8
θ_B: 69°
PSD GSE X-Y 04/02/02 07:58:12
max: 12.4
min: 4.8
θ_B: 68°
PSD GSE X-Y 04/02/02 07:58:24
max: 11.8
min: 3.8
θ_B: 69°
PSD GSE X-Y 04/02/02 07:58:36
max: 11.9
min: 3.6
θ_B: 72°
PSD GSE X-Y 04/02/02 07:58:48
max: 11.8
min: 3.9
θ_B: 74°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

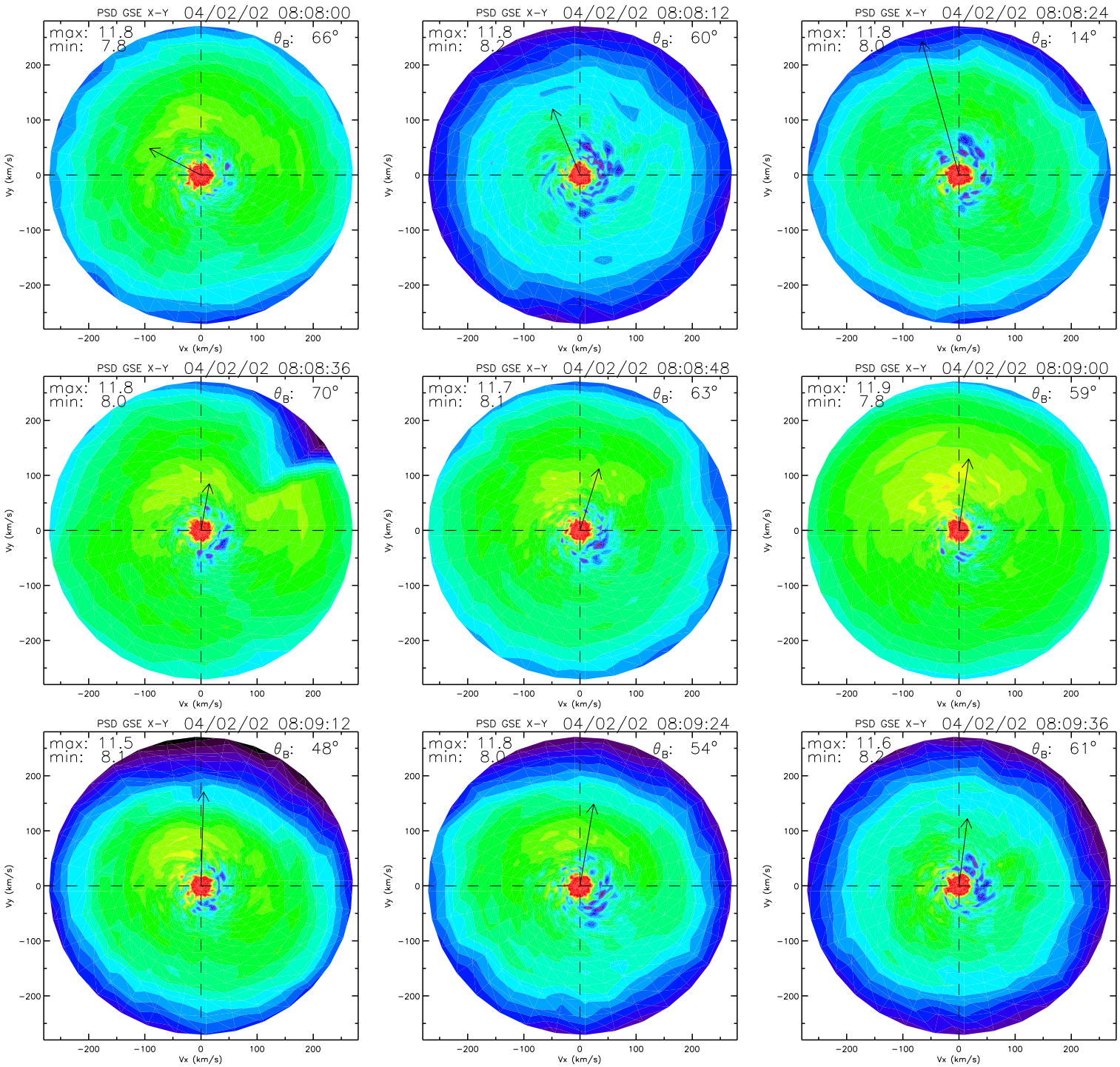

PSD GSE X-Y 04/02/02 07:59:00
max: 11.9
min: 3.8
θB: 75°
PSD GSE X-Y 04/02/02 07:59:12
max: 12.1
min: 3.6
θB: 77°
PSD GSE X-Y 04/02/02 07:59:24
max: 11.9
min: 3.6
θB: 77°
PSD GSE X-Y 04/02/02 07:59:36
max: 12.1
min: 3.8
θB: 79°
PSD GSE X-Y 04/02/02 07:59:48
max: 12.5
min: 3.6
θB: 83°
PSD GSE X-Y 04/02/02 08:00:00
max: 11.9
min: 4.4
θB: 88°
PSD GSE X-Y 04/02/02 08:00:12
max: 12.0
min: 3.6
θB: 84°
PSD GSE X-Y 04/02/02 08:00:24
max: 12.0
min: 4.4
θB: 83°
PSD GSE X-Y 04/02/02 08:00:36
max: 11.9
min: 5.1
θB: 82°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

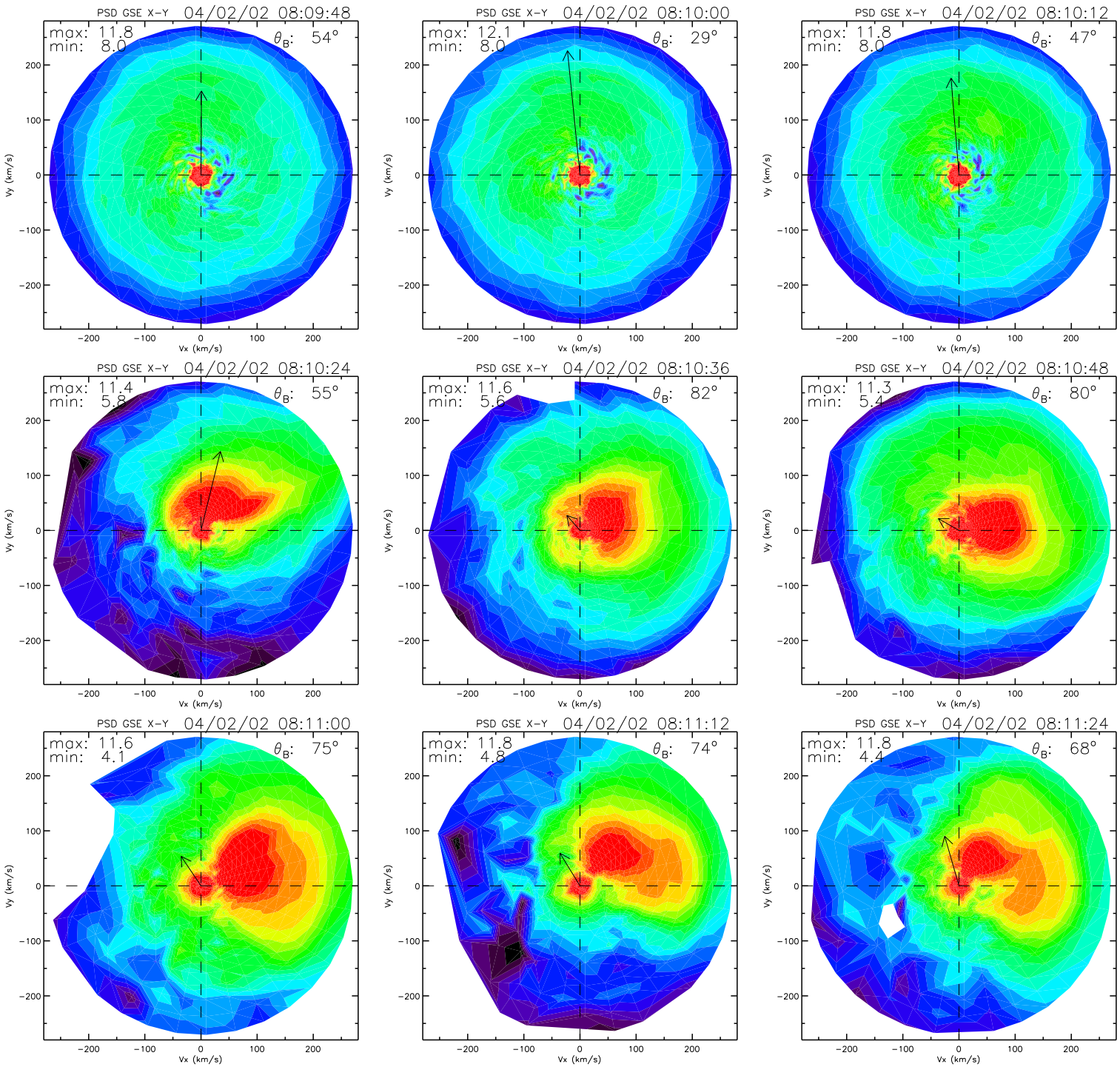

PSD GSE X-Y 04/02/02 08:00:48
max: 12.0
min: 4.5
θB: 78°
PSD GSE X-Y 04/02/02 08:01:00
max: 11.6
min: 5.6
θB: 76°
PSD GSE X-Y 04/02/02 08:01:12
max: 11.7
min: 4.5
θB: 73°
PSD GSE X-Y 04/02/02 08:01:24
max: 11.8
min: 4.8
θB: 72°
PSD GSE X-Y 04/02/02 08:01:36
max: 11.9
min: 4.0
θB: 65°
PSD GSE X-Y 04/02/02 08:01:48
max: 12.0
min: 4.4
θB: 65°
PSD GSE X-Y 04/02/02 08:02:00
max: 12.0
min: 4.3
θB: 63°
PSD GSE X-Y 04/02/02 08:02:12
max: 11.8
min: 4.3
θB: 64°
PSD GSE X-Y 04/02/02 08:02:24
max: 12.1
min: 4.3
θB: 68°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

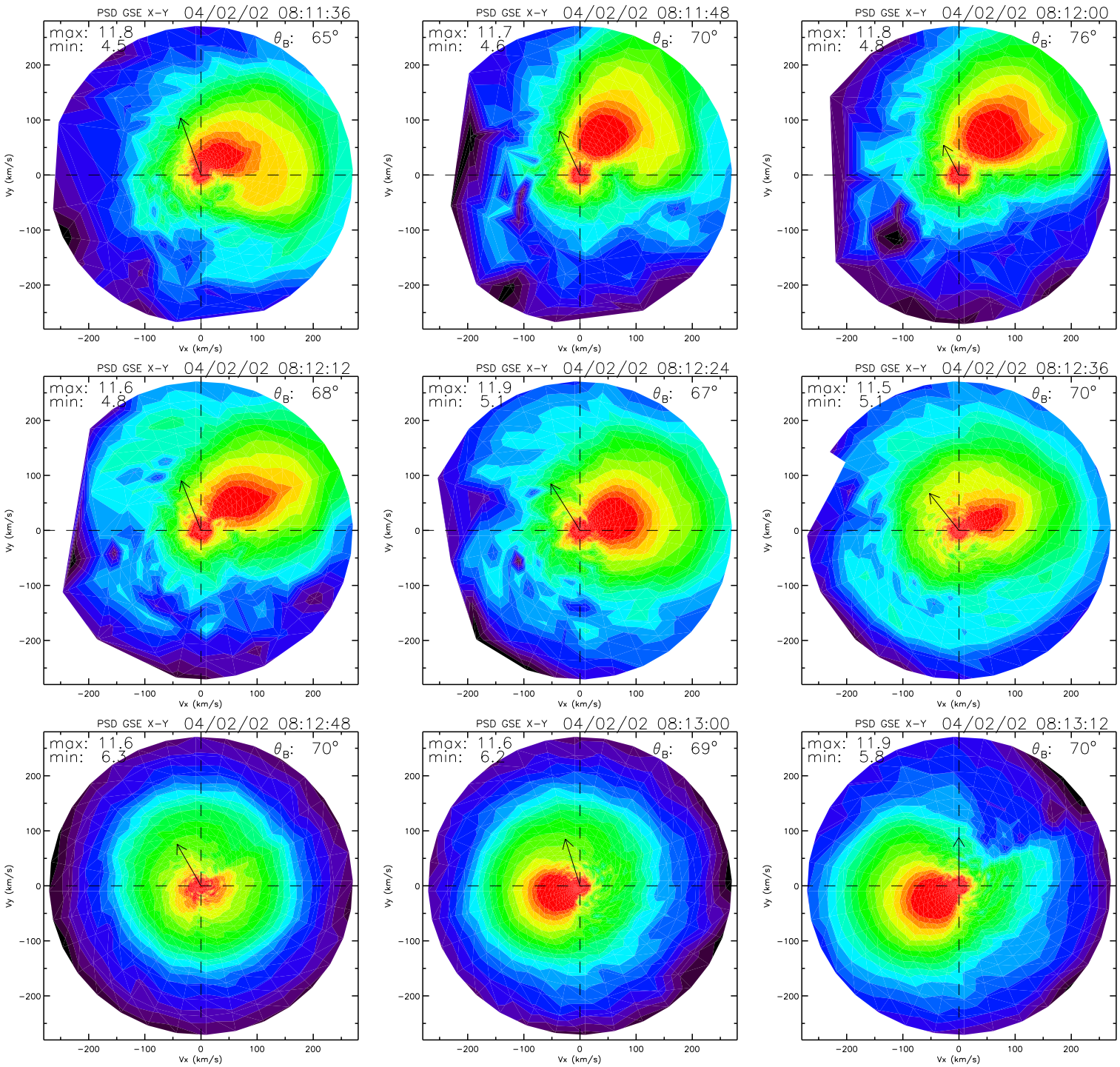

PSD GSE X-Y 04/02/02 08:02:36
max: 12.1
min: 5.2
θB: 70°
PSD GSE X-Y 04/02/02 08:02:48
max: 11.9
min: 4.4
θB: 73°
PSD GSE X-Y 04/02/02 08:03:00
max: 12.1
min: 4.7
θB: 73°
PSD GSE X-Y 04/02/02 08:03:12
max: 11.6
min: 4.4
θB: 71°
PSD GSE X-Y 04/02/02 08:03:24
max: 11.5
min: 3.8
θB: 65°
PSD GSE X-Y 04/02/02 08:03:36
max: 11.8
min: 3.8
θB: 63°
PSD GSE X-Y 04/02/02 08:03:48
max: 11.4
min: 3.8
θB: 69°
PSD GSE X-Y 04/02/02 08:04:00
max: 11.6
min: 4.6
θB: 62°
PSD GSE X-Y 04/02/02 08:04:12
max: 11.5
min: 7.1
θB: 62°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

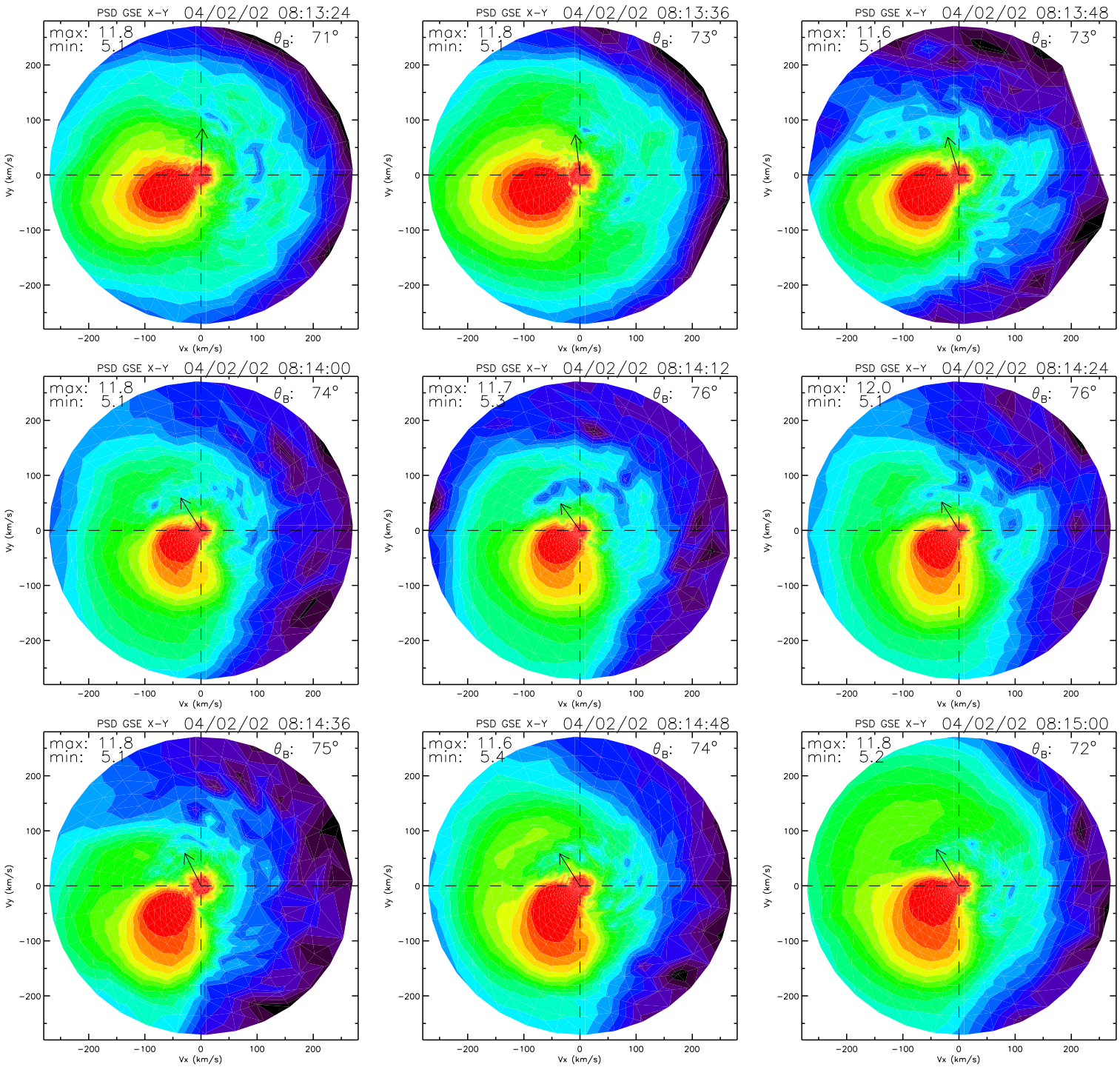

PSD GSE X-Y 04/02/02 08:04:24
max: 11.6
min: 7.4
θB: 52°
PSD GSE X-Y 04/02/02 08:04:36
max: 11.8
min: 7.6
θB: 69°
PSD GSE X-Y 04/02/02 08:04:48
max: 11.8
min: 8.1
θB: 66°
PSD GSE X-Y 04/02/02 08:05:00
max: 11.9
min: 7.5
θB: 40°
PSD GSE X-Y 04/02/02 08:05:12
max: 11.9
min: 7.4
θB: 72°
PSD GSE X-Y 04/02/02 08:05:24
max: 11.9
min: 7.6
θB: 24°
PSD GSE X-Y 04/02/02 08:05:36
max: 12.1
min: 7.0
θB: 47°
PSD GSE X-Y 04/02/02 08:05:48
max: 11.9
min: 7.3
θB: 69°
PSD GSE X-Y 04/02/02 08:06:00
max: 11.8
min: 7.2
θB: 37°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200

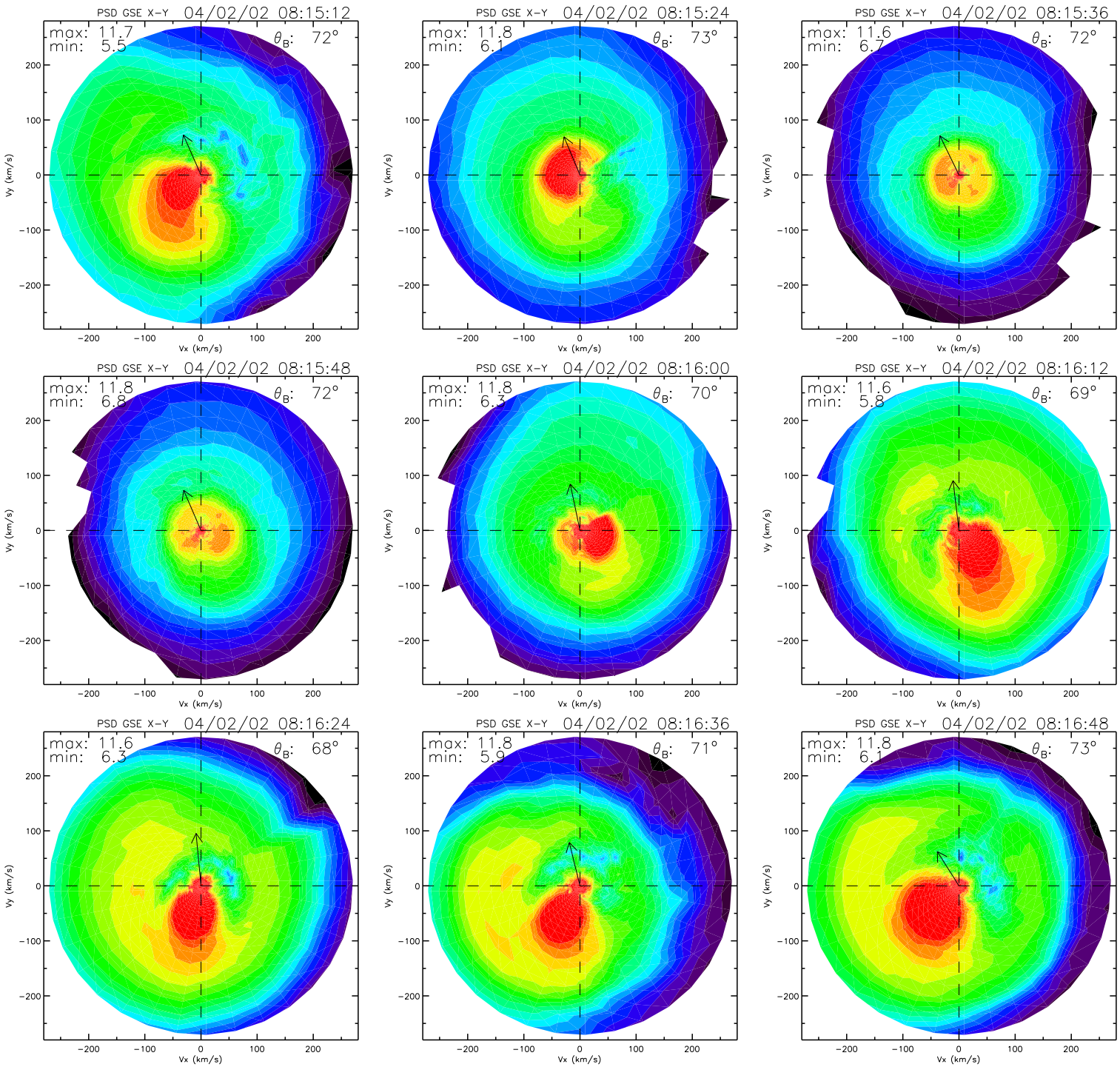

PSD GSE X-Y 04/02/02 08:06:12
max: 11.8
min: 7.2
θB: 44°
PSD GSE X-Y 04/02/02 08:06:24
max: 12.0
min: 7.8
θB: 9°
PSD GSE X-Y 04/02/02 08:06:36
max: 11.8
min: 7.7
θB: 10°
PSD GSE X-Y 04/02/02 08:06:48
max: 11.8
min: 7.8
θB: 19°
PSD GSE X-Y 04/02/02 08:07:00
max: 11.9
min: 8.0
θB: 80°
PSD GSE X-Y 04/02/02 08:07:12
max: 11.8
min: 8.0
θB: 70°
PSD GSE X-Y 04/02/02 08:07:24
max: 12.0
min: 7.9
θB: 65°
PSD GSE X-Y 04/02/02 08:07:36
max: 11.6
min: 7.8
θB: 72°
PSD GSE X-Y 04/02/02 08:07:48
max: 11.6
min: 8.0
θB: 54°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

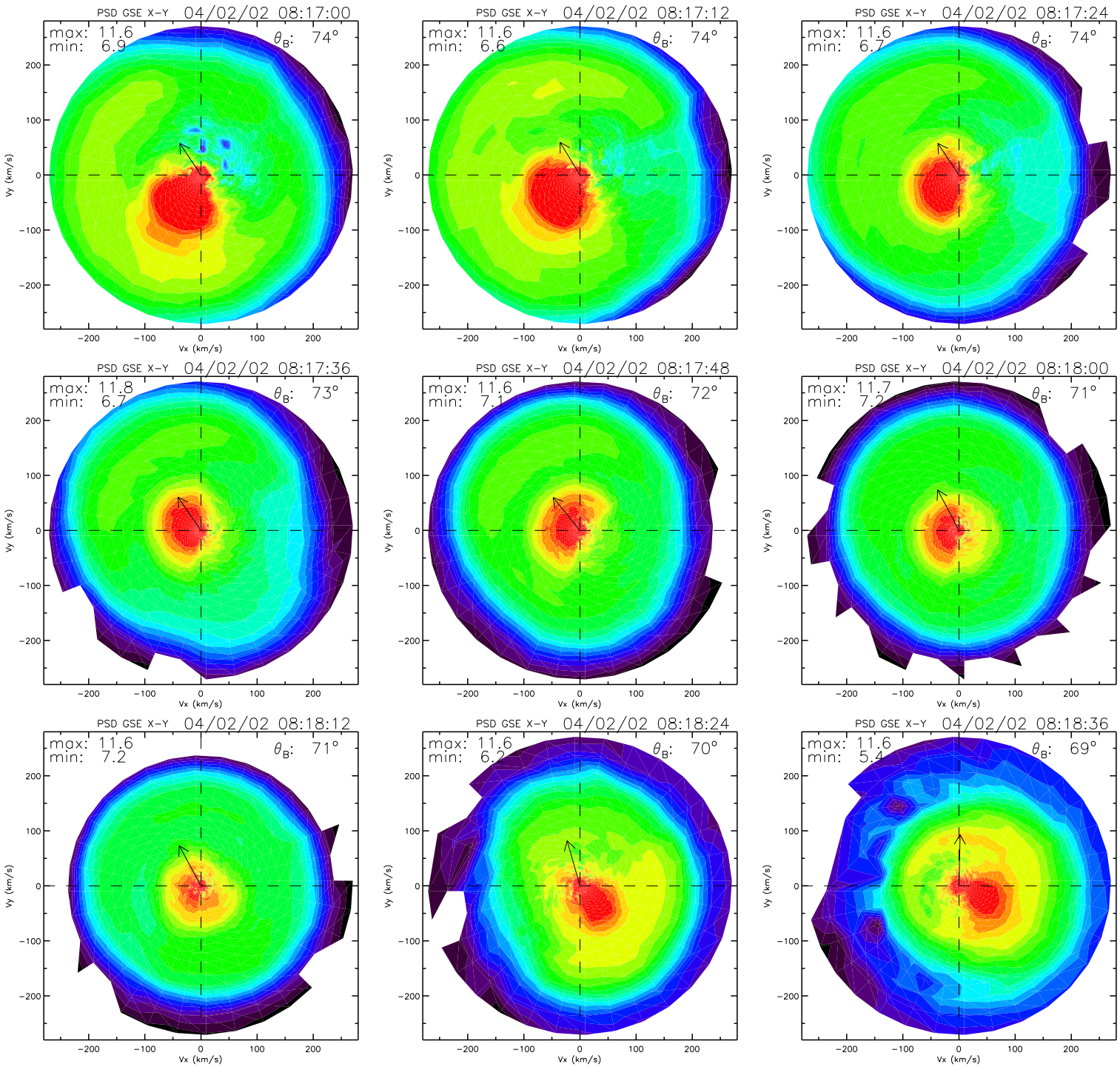

PSD GSE X-Y 04/02/02 08:08:00
max: 11.8
min: 7.8
θB: 66°
PSD GSE X-Y 04/02/02 08:08:12
max: 11.8
min: 8.2
θB: 60°
PSD GSE X-Y 04/02/02 08:08:24
max: 11.8
min: 8.0
θB: 14°
PSD GSE X-Y 04/02/02 08:08:36
max: 11.8
min: 8.0
θB: 70°
PSD GSE X-Y 04/02/02 08:08:48
max: 11.7
min: 8.1
θB: 63°
PSD GSE X-Y 04/02/02 08:09:00
max: 11.9
min: 7.8
θB: 59°
PSD GSE X-Y 04/02/02 08:09:12
max: 11.5
min: 8.1
θB: 48°
PSD GSE X-Y 04/02/02 08:09:24
max: 11.8
min: 8.0
θB: 54°
PSD GSE X-Y 04/02/02 08:09:36
max: 11.6
min: 8.2
θB: 61°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

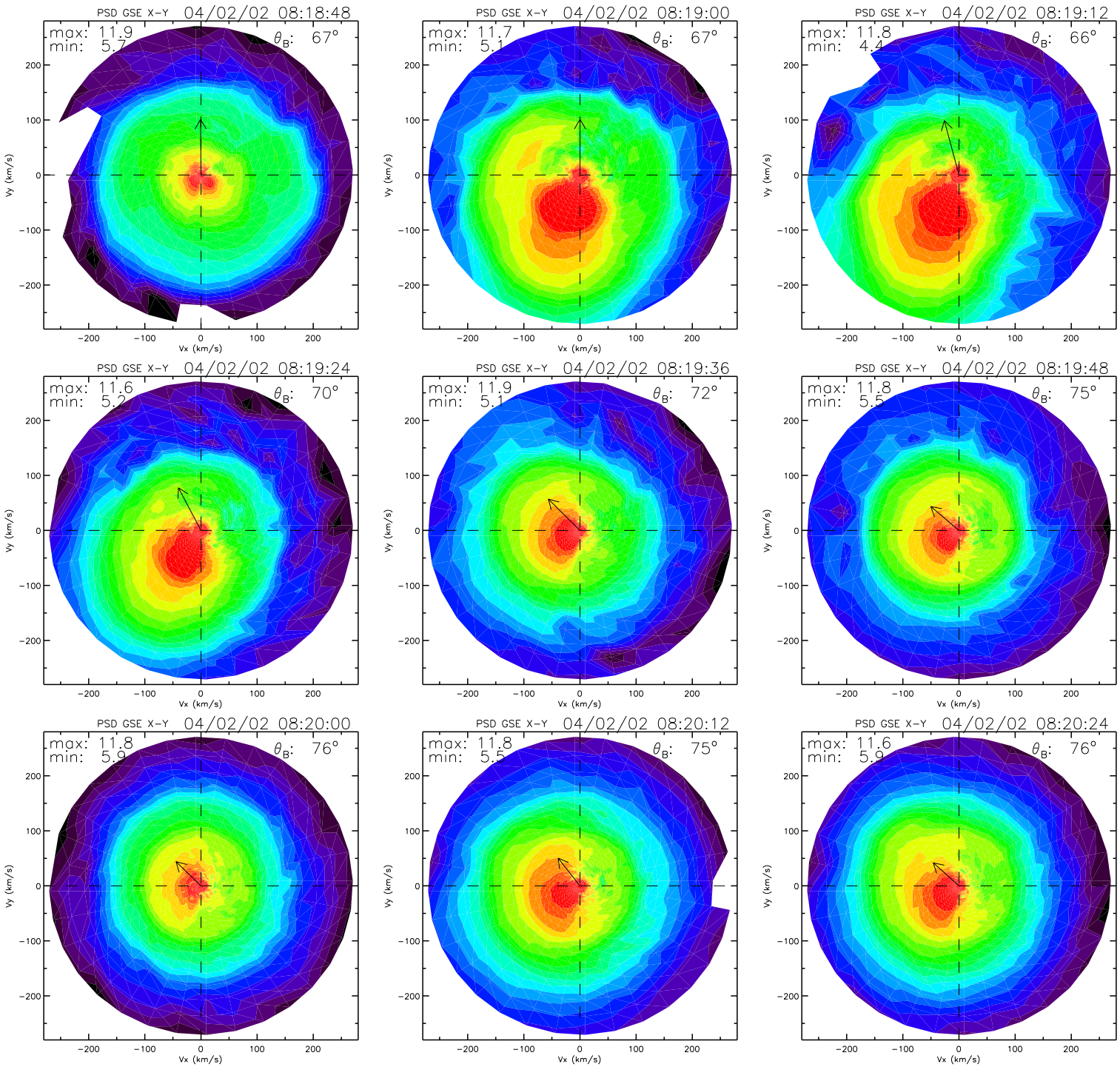

PSD GSE X-Y 04/02/02 08:09:48
max: 11.8
min: 8.0
θ_B: 54°
PSD GSE X-Y 04/02/02 08:10:00
max: 12.1
min: 8.0
θ_B: 29°
PSD GSE X-Y 04/02/02 08:10:12
max: 11.8
min: 8.0
θ_B: 47°
PSD GSE X-Y 04/02/02 08:10:24
max: 11.4
min: 5.8
θ_B: 55°
PSD GSE X-Y 04/02/02 08:10:36
max: 11.6
min: 5.6
θ_B: 82°
PSD GSE X-Y 04/02/02 08:10:48
max: 11.3
min: 5.4
θ_B: 80°
PSD GSE X-Y 04/02/02 08:11:00
max: 11.6
min: 4.1
θ_B: 75°
PSD GSE X-Y 04/02/02 08:11:12
max: 11.8
min: 4.8
θ_B: 74°
PSD GSE X-Y 04/02/02 08:11:24
max: 11.8
min: 4.4
θ_B: 68°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

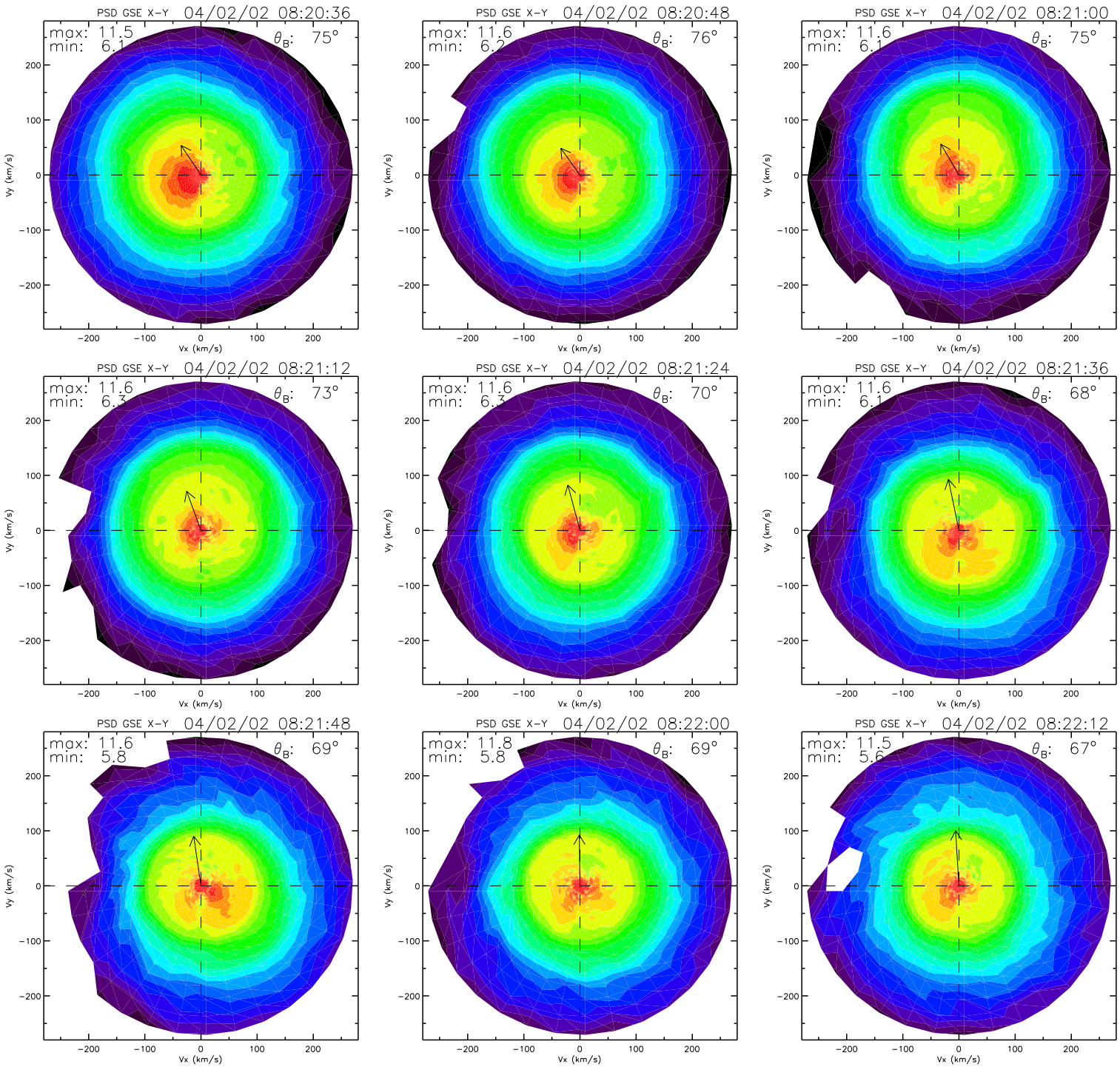

PSD GSE X-Y 04/02/02 08:11:36
max: 11.8
min: 4.5
θB: 65°
PSD GSE X-Y 04/02/02 08:11:48
max: 11.7
min: 4.6
θB: 70°
PSD GSE X-Y 04/02/02 08:12:00
max: 11.8
min: 4.8
θB: 76°
PSD GSE X-Y 04/02/02 08:12:12
max: 11.6
min: 4.8
θB: 68°
PSD GSE X-Y 04/02/02 08:12:24
max: 11.9
min: 5.1
θB: 67°
PSD GSE X-Y 04/02/02 08:12:36
max: 11.5
min: 5.1
θB: 70°
PSD GSE X-Y 04/02/02 08:12:48
max: 11.6
min: 6.3
θB: 70°
PSD GSE X-Y 04/02/02 08:13:00
max: 11.6
min: 6.2
θB: 69°
PSD GSE X-Y 04/02/02 08:13:12
max: 11.9
min: 5.8
θB: 70°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

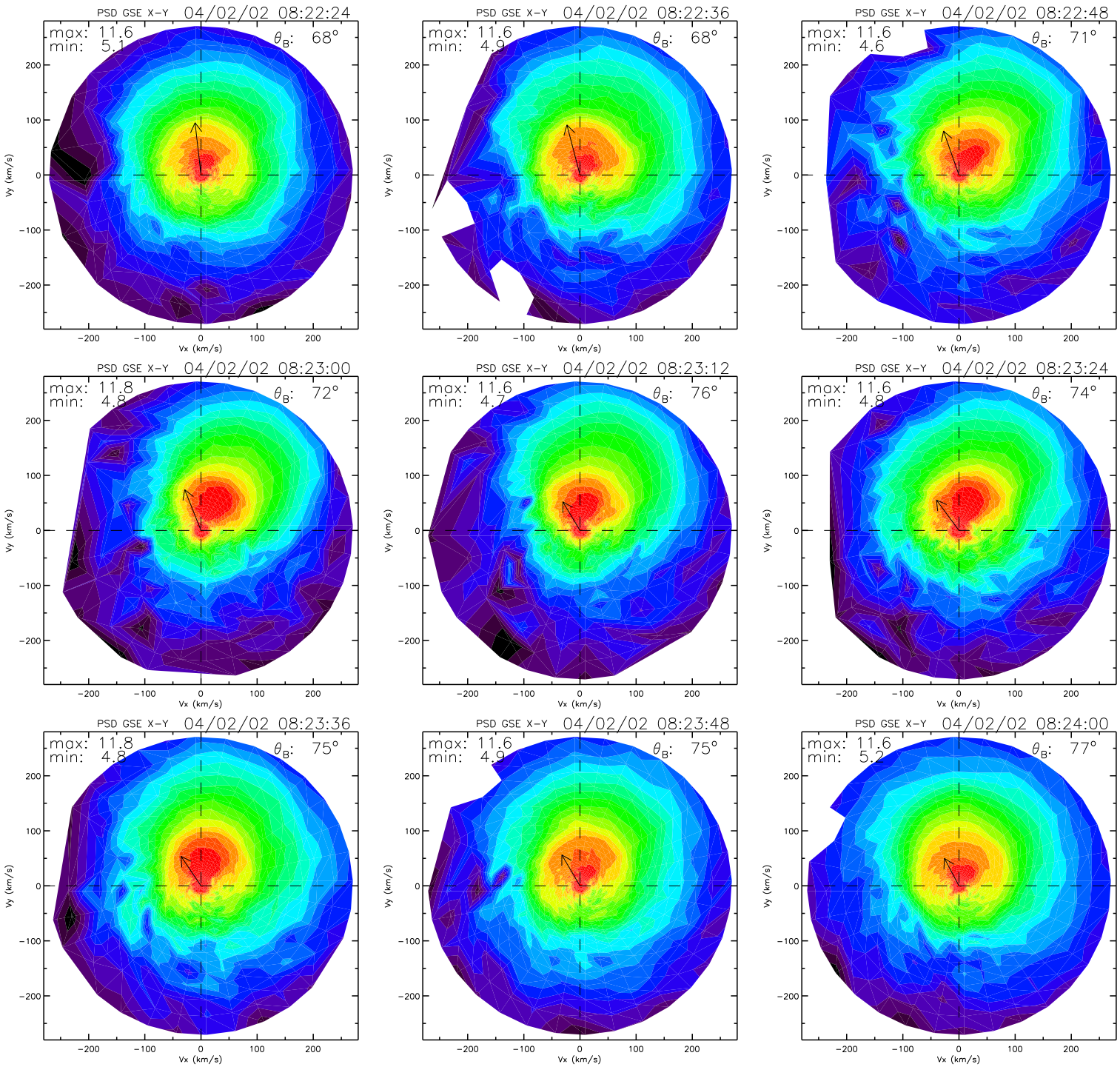

PSD GSE X-Y 04/02/02 08:13:24
max: 11.8
min: 5.1
θ_B: 71°
PSD GSE X-Y 04/02/02 08:13:36
max: 11.8
min: 5.1
θ_B: 73°
PSD GSE X-Y 04/02/02 08:13:48
max: 11.6
min: 5.1
θ_B: 73°
PSD GSE X-Y 04/02/02 08:14:00
max: 11.8
min: 5.1
θ_B: 74°
PSD GSE X-Y 04/02/02 08:14:12
max: 11.7
min: 5.3
θ_B: 76°
PSD GSE X-Y 04/02/02 08:14:24
max: 12.0
min: 5.1
θ_B: 76°
PSD GSE X-Y 04/02/02 08:14:36
max: 11.8
min: 5.1
θ_B: 75°
PSD GSE X-Y 04/02/02 08:14:48
max: 11.6
min: 5.4
θ_B: 74°
PSD GSE X-Y 04/02/02 08:15:00
max: 11.8
min: 5.2
θ_B: 72°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

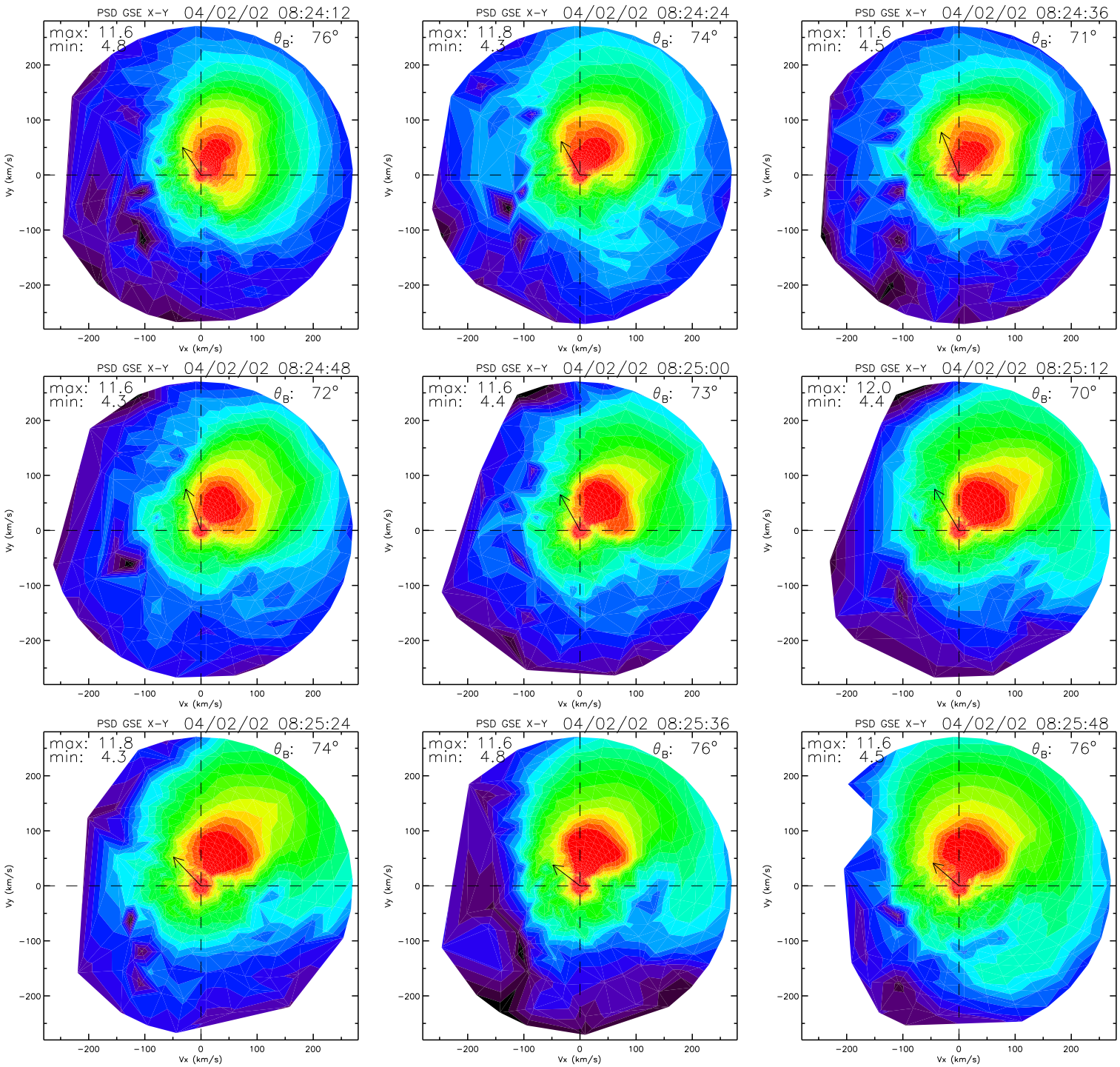

PSD GSE X-Y 04/02/02 08:15:12
max: 11.7
min: 5.5
θB: 72°
PSD GSE X-Y 04/02/02 08:15:24
max: 11.8
min: 6.1
θB: 73°
PSD GSE X-Y 04/02/02 08:15:36
max: 11.6
min: 6.7
θB: 72°
PSD GSE X-Y 04/02/02 08:15:48
max: 11.8
min: 6.8
θB: 72°
PSD GSE X-Y 04/02/02 08:16:00
max: 11.8
min: 6.3
θB: 70°
PSD GSE X-Y 04/02/02 08:16:12
max: 11.6
min: 5.8
θB: 69°
PSD GSE X-Y 04/02/02 08:16:24
max: 11.6
min: 6.3
θB: 68°
PSD GSE X-Y 04/02/02 08:16:36
max: 11.8
min: 5.9
θB: 71°
PSD GSE X-Y 04/02/02 08:16:48
max: 11.8
min: 6.1
θB: 73°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 04/02/02 08:17:00
max: 11.6
min: 6.9
θB: 74°
PSD GSE X-Y 04/02/02 08:17:12
max: 11.6
min: 6.6
θB: 74°
PSD GSE X-Y 04/02/02 08:17:24
max: 11.6
min: 6.7
θB: 74°
PSD GSE X-Y 04/02/02 08:17:36
max: 11.8
min: 6.7
θB: 73°
PSD GSE X-Y 04/02/02 08:17:48
max: 11.6
min: 7.1
θB: 72°
PSD GSE X-Y 04/02/02 08:18:00
max: 11.7
min: 7.2
θB: 71°
PSD GSE X-Y 04/02/02 08:18:12
max: 11.6
min: 7.2
θB: 71°
PSD GSE X-Y 04/02/02 08:18:24
max: 11.6
min: 6.2
θB: 70°
PSD GSE X-Y 04/02/02 08:18:36
max: 11.6
min: 5.4
θB: 69°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 04/02/02 08:18:48
max: 11.9
min: 5.7
θ_B: 67°
PSD GSE X-Y 04/02/02 08:19:00
max: 11.7
min: 5.1
θ_B: 67°
PSD GSE X-Y 04/02/02 08:19:12
max: 11.8
min: 4.4
θ_B: 66°
PSD GSE X-Y 04/02/02 08:19:24
max: 11.6
min: 5.2
θ_B: 70°
PSD GSE X-Y 04/02/02 08:19:36
max: 11.9
min: 5.1
θ_B: 72°
PSD GSE X-Y 04/02/02 08:19:48
max: 11.8
min: 5.5
θ_B: 75°
PSD GSE X-Y 04/02/02 08:20:00
max: 11.8
min: 5.9
θ_B: 76°
PSD GSE X-Y 04/02/02 08:20:12
max: 11.8
min: 5.5
θ_B: 75°
PSD GSE X-Y 04/02/02 08:20:24
max: 11.6
min: 5.9
θ_B: 76°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 04/02/02 08:20:36
max: 11.5
min: 6.1
θ_B: 75°
PSD GSE X-Y 04/02/02 08:20:48
max: 11.6
min: 6.2
θ_B: 76°
PSD GSE X-Y 04/02/02 08:21:00
max: 11.6
min: 6.1
θ_B: 75°
PSD GSE X-Y 04/02/02 08:21:12
max: 11.6
min: 6.3
θ_B: 73°
PSD GSE X-Y 04/02/02 08:21:24
max: 11.6
min: 6.3
θ_B: 70°
PSD GSE X-Y 04/02/02 08:21:36
max: 11.6
min: 6.1
θ_B: 68°
PSD GSE X-Y 04/02/02 08:21:48
max: 11.6
min: 5.8
θ_B: 69°
PSD GSE X-Y 04/02/02 08:22:00
max: 11.8
min: 5.8
θ_B: 69°
PSD GSE X-Y 04/02/02 08:22:12
max: 11.5
min: 5.6
θ_B: 67°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 04/02/02 08:22:24
max: 11.6
min: 5.1
θB: 68°
PSD GSE X-Y 04/02/02 08:22:36
max: 11.6
min: 4.9
θB: 68°
PSD GSE X-Y 04/02/02 08:22:48
max: 11.6
min: 4.6
θB: 71°
PSD GSE X-Y 04/02/02 08:23:00
max: 11.8
min: 4.8
θB: 72°
PSD GSE X-Y 04/02/02 08:23:12
max: 11.6
min: 4.7
θB: 76°
PSD GSE X-Y 04/02/02 08:23:24
max: 11.6
min: 4.8
θB: 74°
PSD GSE X-Y 04/02/02 08:23:36
max: 11.8
min: 4.8
θB: 75°
PSD GSE X-Y 04/02/02 08:23:48
max: 11.6
min: 4.9
θB: 75°
PSD GSE X-Y 04/02/02 08:24:00
max: 11.6
min: 5.2
θB: 77°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 04/02/02 08:24:12
max: 11.6
min: 4.8
θB: 76°
PSD GSE X-Y 04/02/02 08:24:24
max: 11.8
min: 4.3
θB: 74°
PSD GSE X-Y 04/02/02 08:24:36
max: 11.6
min: 4.5
θB: 71°
PSD GSE X-Y 04/02/02 08:24:48
max: 11.6
min: 4.3
θB: 72°
PSD GSE X-Y 04/02/02 08:25:00
max: 11.6
min: 4.4
θB: 73°
PSD GSE X-Y 04/02/02 08:25:12
max: 12.0
min: 4.4
θB: 70°
PSD GSE X-Y 04/02/02 08:25:24
max: 11.8
min: 4.3
θB: 74°
PSD GSE X-Y 04/02/02 08:25:36
max: 11.6
min: 4.8
θB: 76°
PSD GSE X-Y 04/02/02 08:25:48
max: 11.6
min: 4.5
θB: 76°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200