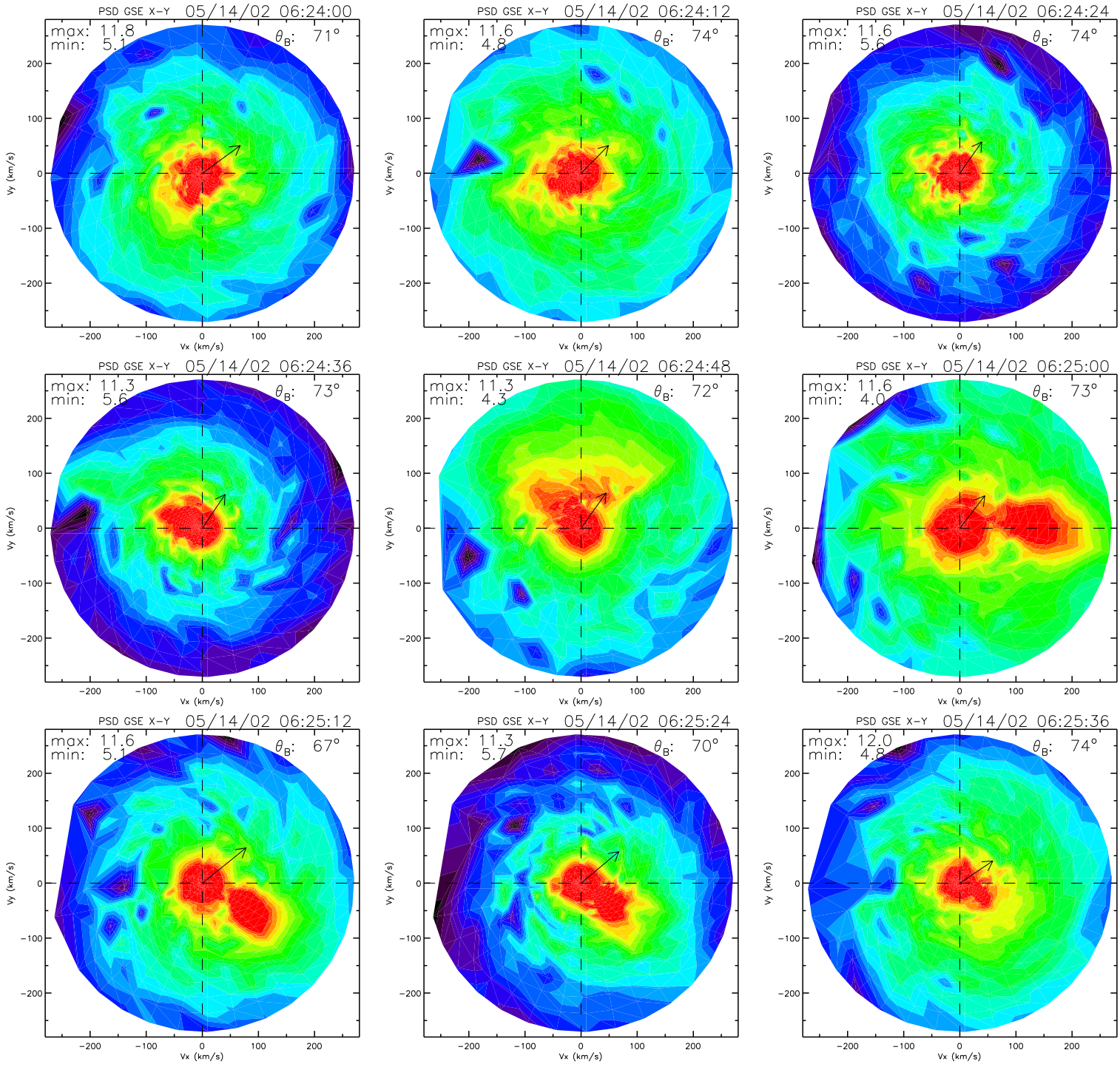
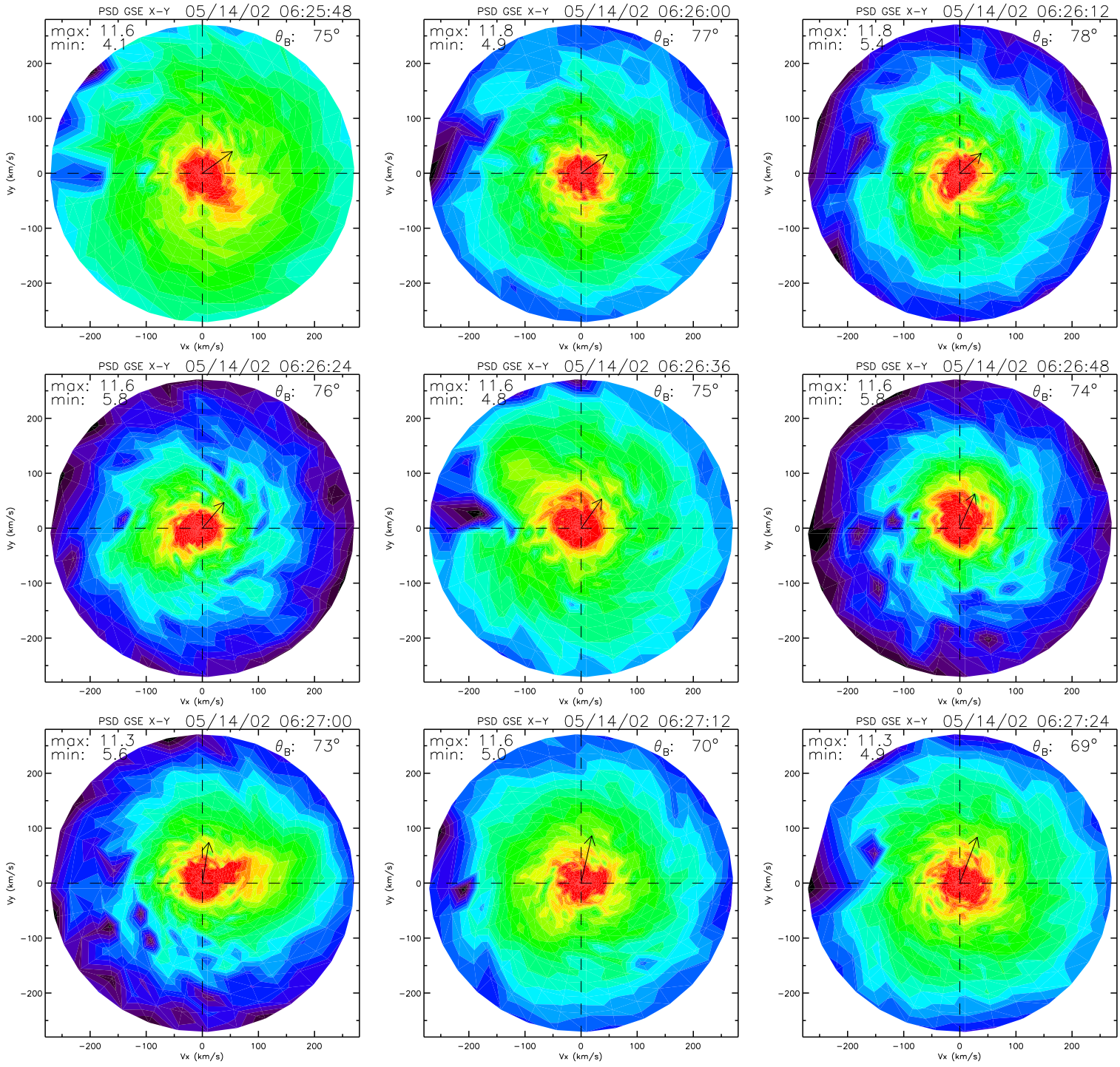
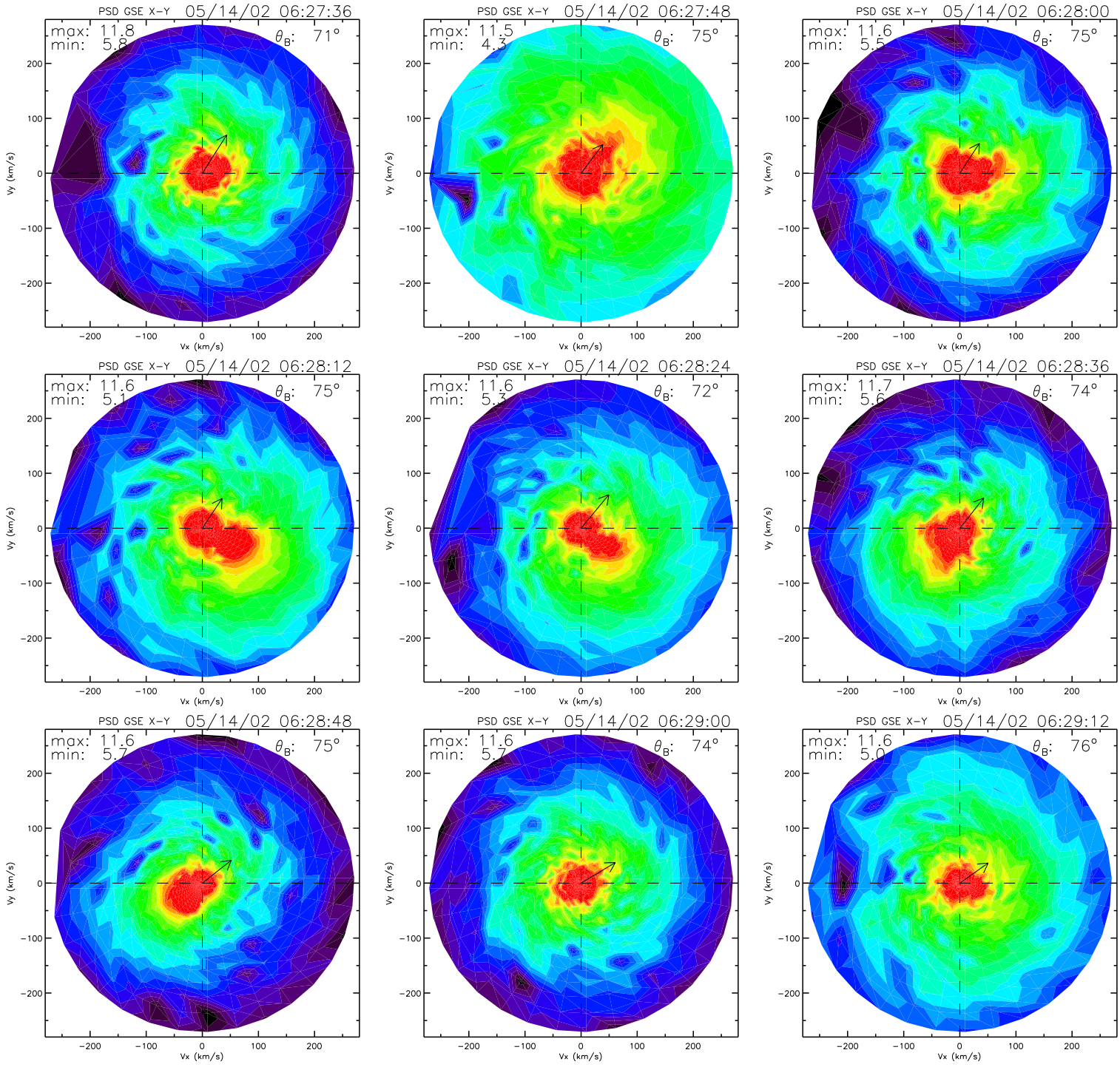
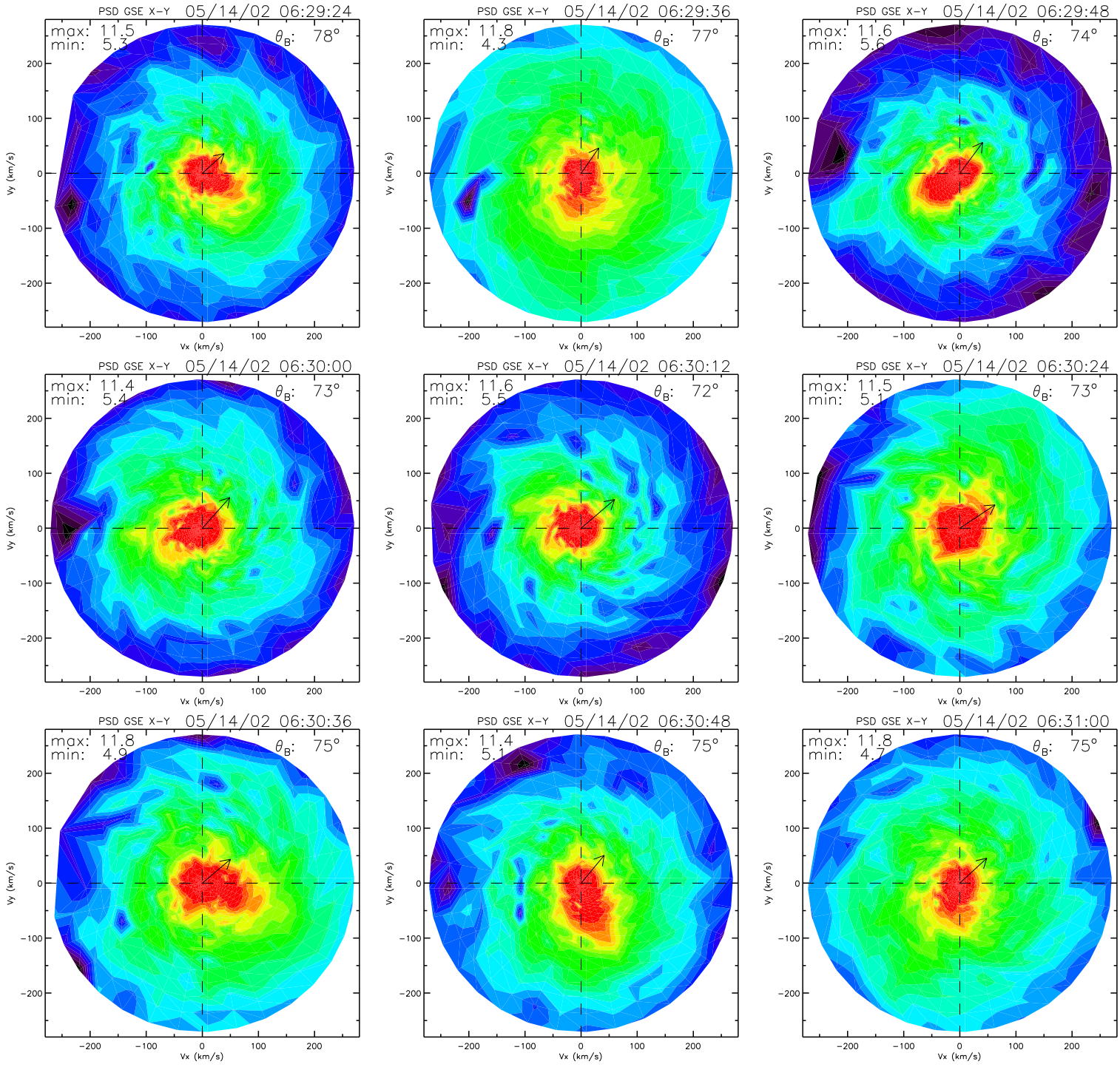
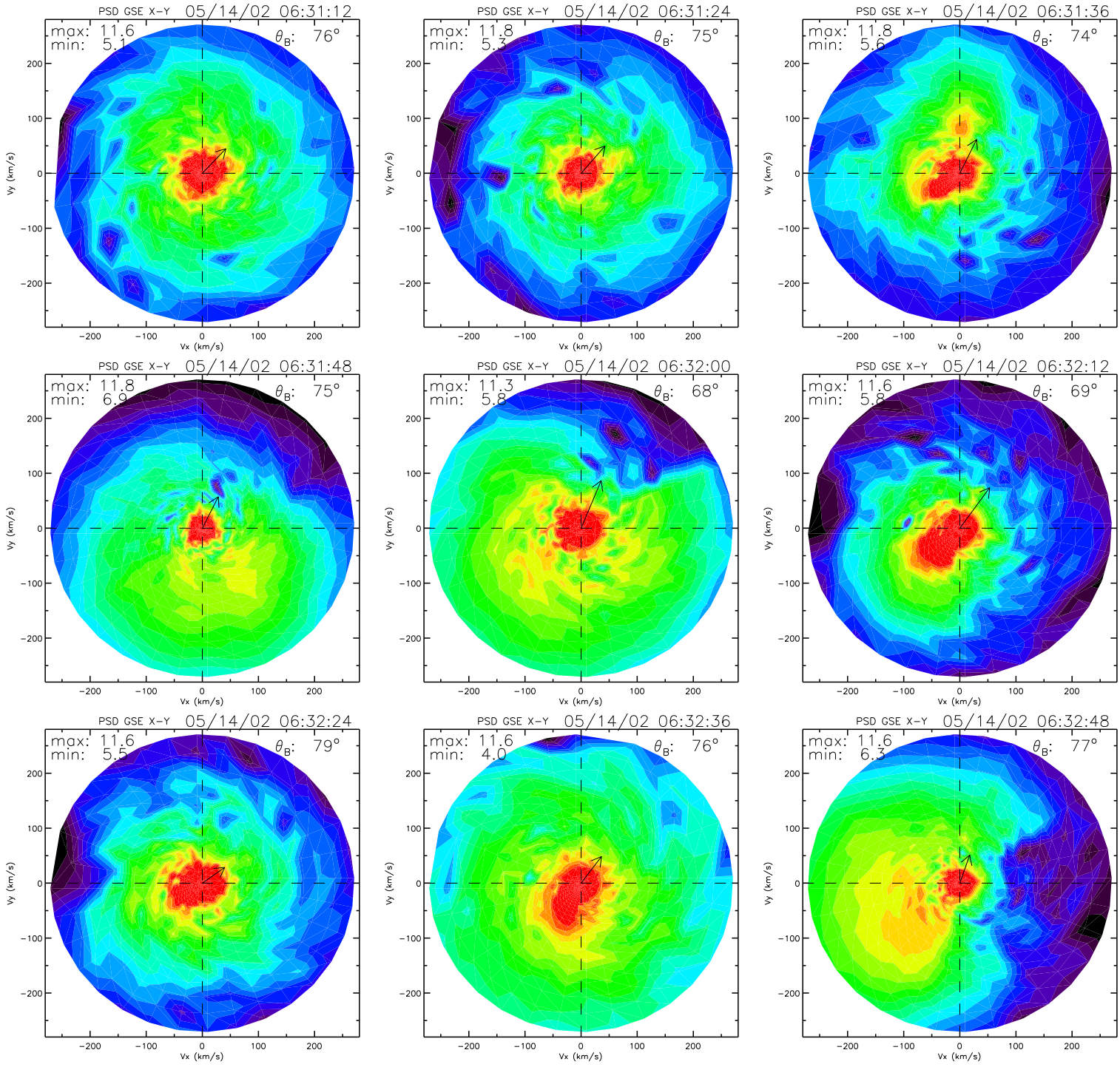
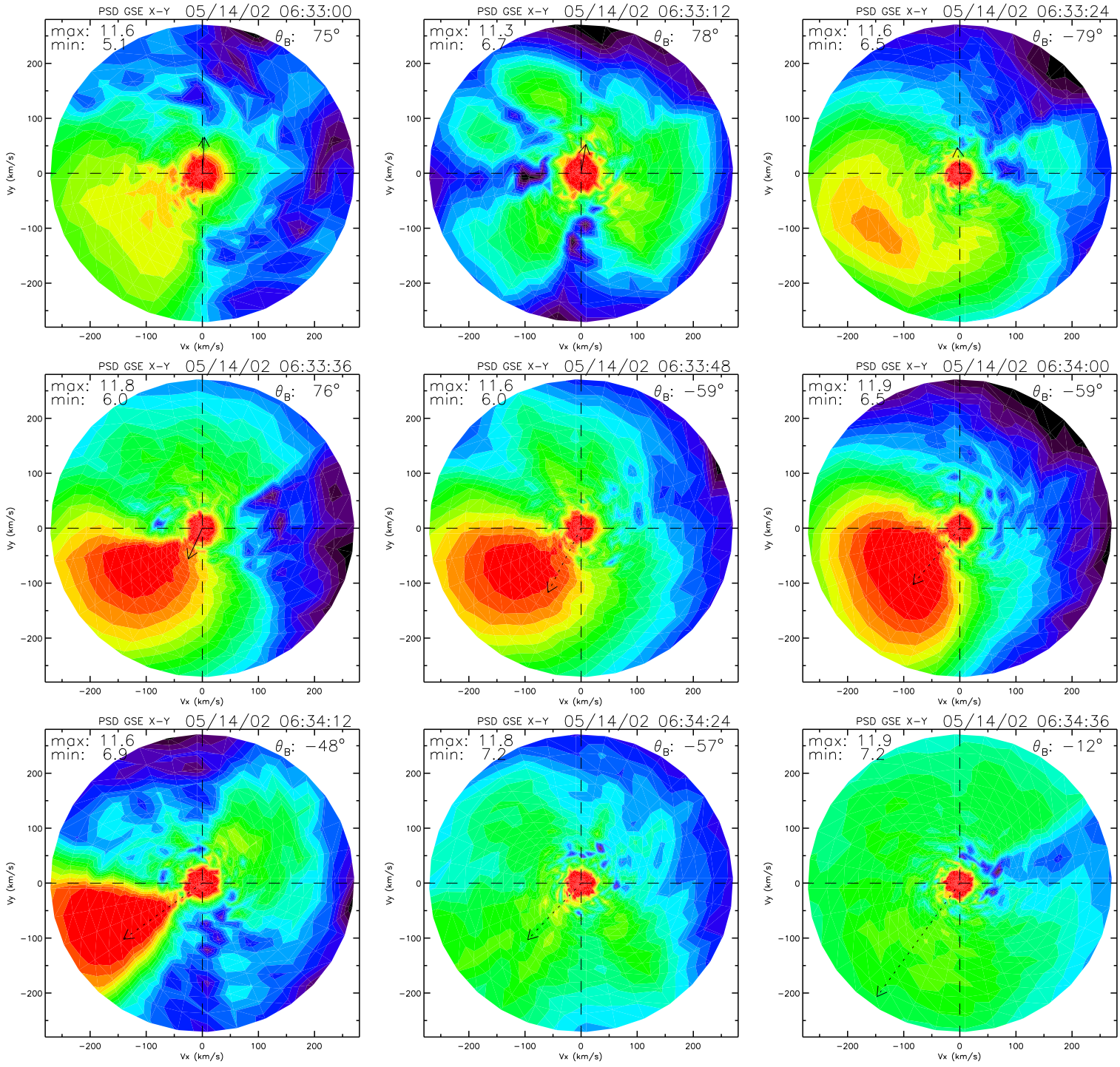

PSD GSE X-Y 05/14/02 06:24:00
max: 11.8
min: 5.1
θB: 71°
PSD GSE X-Y 05/14/02 06:24:12
max: 11.6
min: 4.8
θB: 74°
PSD GSE X-Y 05/14/02 06:24:24
max: 11.6
min: 5.6
θB: 74°
PSD GSE X-Y 05/14/02 06:24:36
max: 11.3
min: 5.6
θB: 73°
PSD GSE X-Y 05/14/02 06:24:48
max: 11.3
min: 4.3
θB: 72°
PSD GSE X-Y 05/14/02 06:25:00
max: 11.6
min: 4.0
θB: 73°
PSD GSE X-Y 05/14/02 06:25:12
max: 11.6
min: 5.1
θB: 67°
PSD GSE X-Y 05/14/02 06:25:24
max: 11.3
min: 5.7
θB: 70°
PSD GSE X-Y 05/14/02 06:25:36
max: 12.0
min: 4.8
θB: 74°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

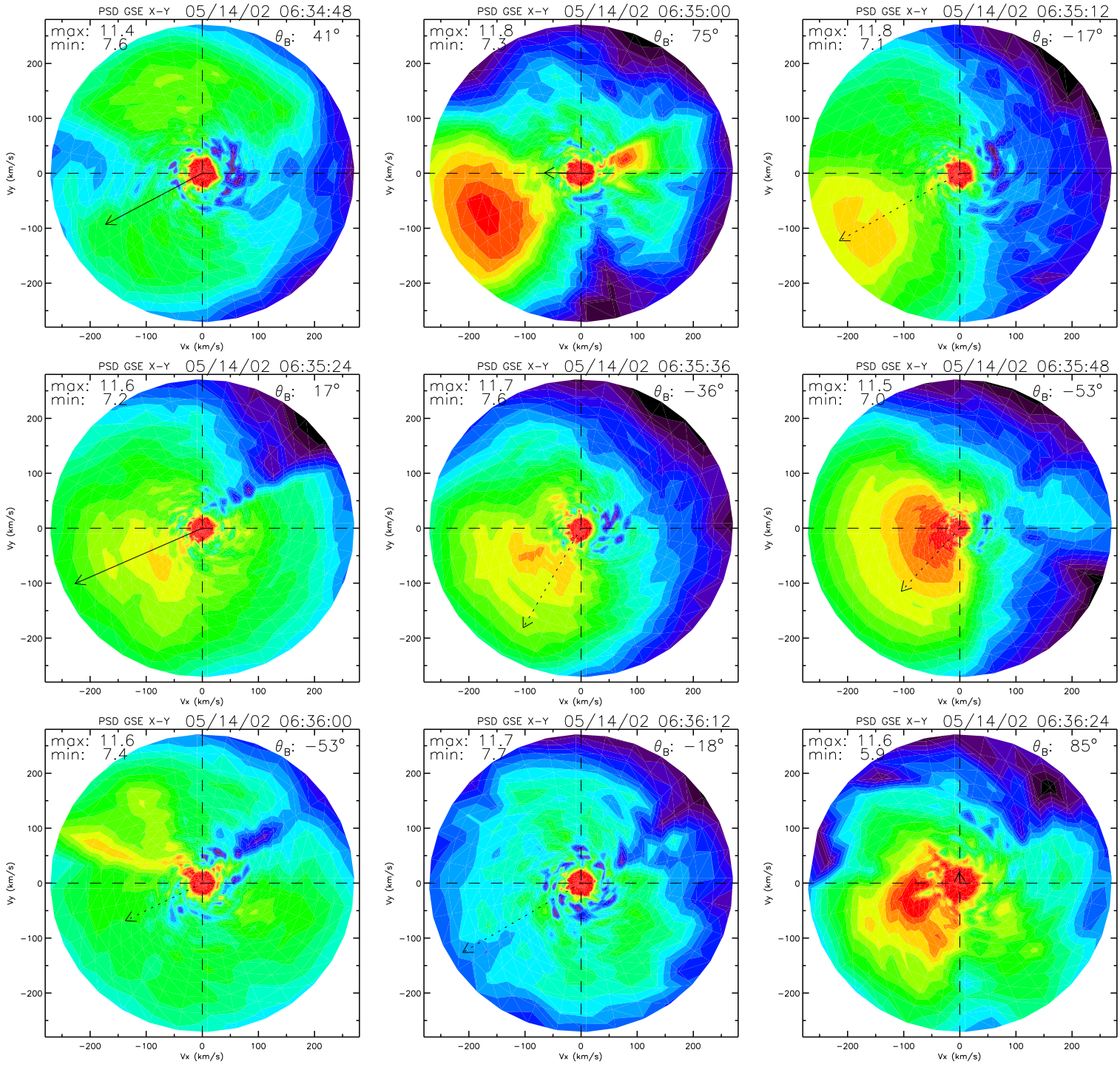

PSD GSE X-Y 05/14/02 06:25:48
max: 11.6
min: 4.1
θB: 75°
PSD GSE X-Y 05/14/02 06:26:00
max: 11.8
min: 4.9
θB: 77°
PSD GSE X-Y 05/14/02 06:26:12
max: 11.8
min: 5.4
θB: 78°
PSD GSE X-Y 05/14/02 06:26:24
max: 11.6
min: 5.8
θB: 76°
PSD GSE X-Y 05/14/02 06:26:36
max: 11.6
min: 4.8
θB: 75°
PSD GSE X-Y 05/14/02 06:26:48
max: 11.6
min: 5.8
θB: 74°
PSD GSE X-Y 05/14/02 06:27:00
max: 11.3
min: 5.6
θB: 73°
PSD GSE X-Y 05/14/02 06:27:12
max: 11.6
min: 5.0
θB: 70°
PSD GSE X-Y 05/14/02 06:27:24
max: 11.3
min: 4.9
θB: 69°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

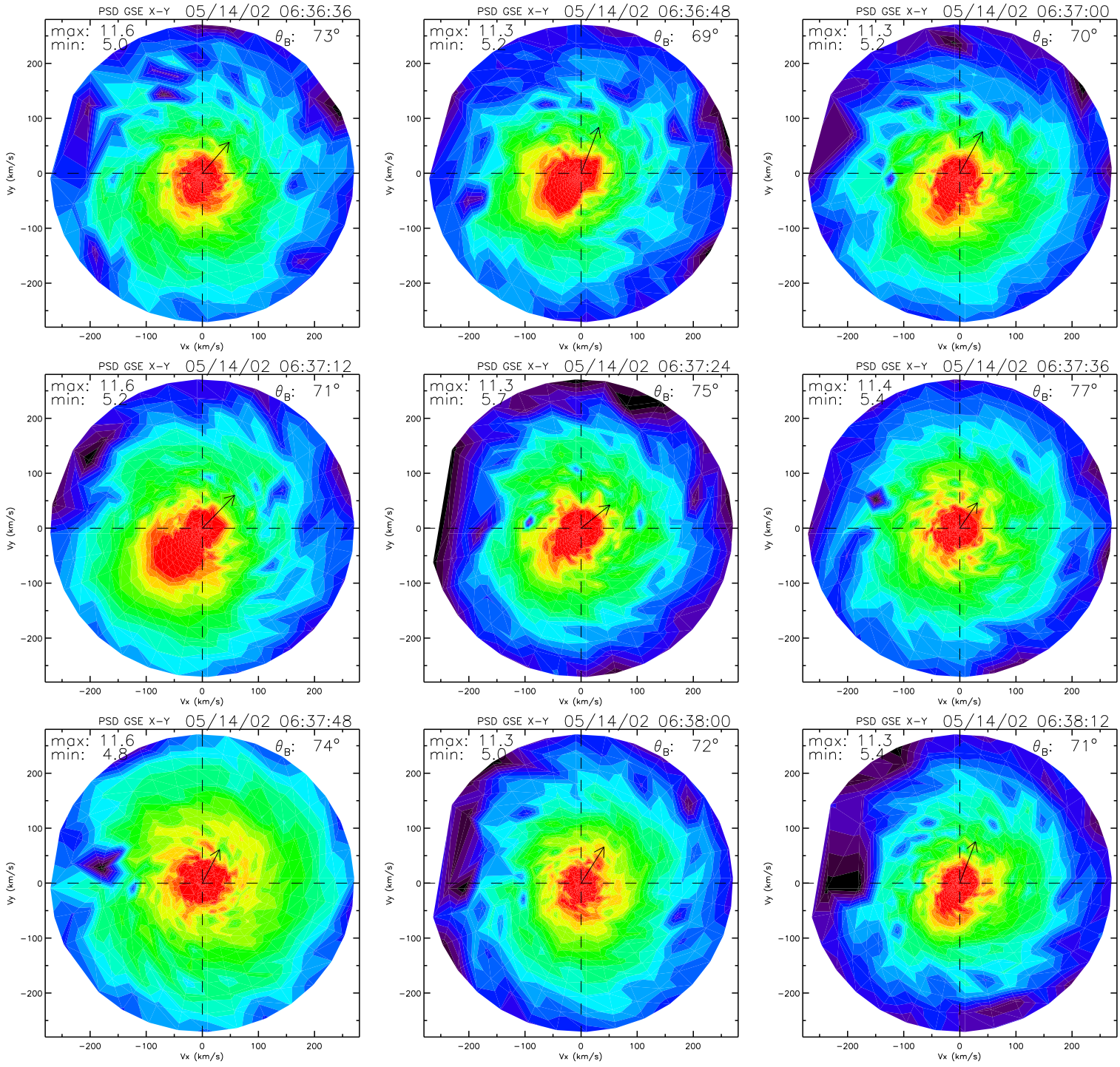

PSD GSE X-Y 05/14/02 06:27:36
max: 11.8
min: 5.8
θB: 71°
PSD GSE X-Y 05/14/02 06:27:48
max: 11.5
min: 4.3
θB: 75°
PSD GSE X-Y 05/14/02 06:28:00
max: 11.6
min: 5.5
θB: 75°
PSD GSE X-Y 05/14/02 06:28:12
max: 11.6
min: 5.1
θB: 75°
PSD GSE X-Y 05/14/02 06:28:24
max: 11.6
min: 5.3
θB: 72°
PSD GSE X-Y 05/14/02 06:28:36
max: 11.7
min: 5.6
θB: 74°
PSD GSE X-Y 05/14/02 06:28:48
max: 11.6
min: 5.7
θB: 75°
PSD GSE X-Y 05/14/02 06:29:00
max: 11.6
min: 5.7
θB: 74°
PSD GSE X-Y 05/14/02 06:29:12
max: 11.6
min: 5.0
θB: 76°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

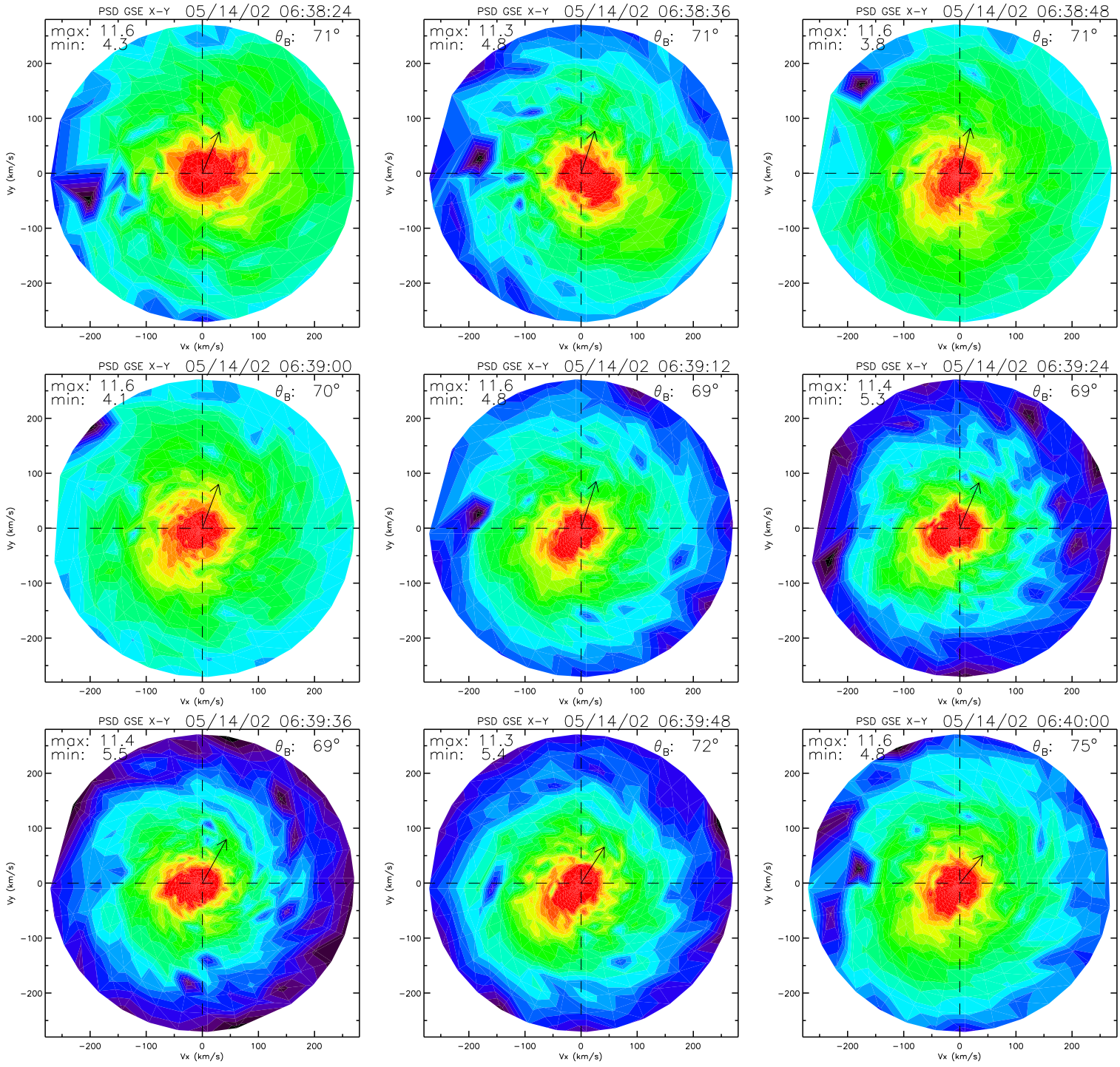

PSD GSE X-Y 05/14/02 06:29:24
max: 11.5
min: 5.3
θB: 78°
PSD GSE X-Y 05/14/02 06:29:36
max: 11.8
min: 4.3
θB: 77°
PSD GSE X-Y 05/14/02 06:29:48
max: 11.6
min: 5.6
θB: 74°
PSD GSE X-Y 05/14/02 06:30:00
max: 11.4
min: 5.4
θB: 73°
PSD GSE X-Y 05/14/02 06:30:12
max: 11.6
min: 5.5
θB: 72°
PSD GSE X-Y 05/14/02 06:30:24
max: 11.5
min: 5.1
θB: 73°
PSD GSE X-Y 05/14/02 06:30:36
max: 11.8
min: 4.9
θB: 75°
PSD GSE X-Y 05/14/02 06:30:48
max: 11.4
min: 5.1
θB: 75°
PSD GSE X-Y 05/14/02 06:31:00
max: 11.8
min: 4.7
θB: 75°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

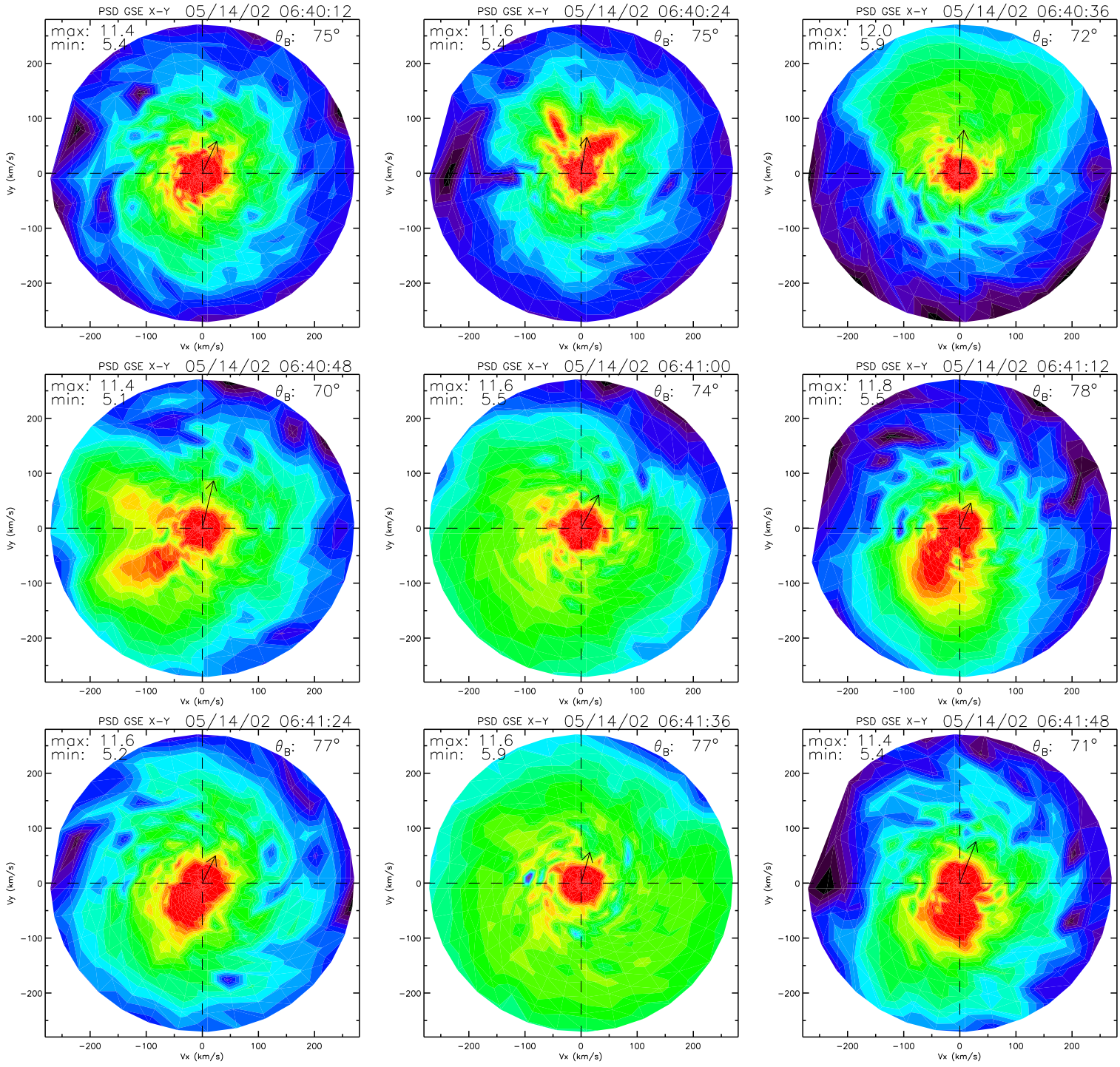

PSD GSE X-Y 05/14/02 06:31:12
max: 11.6
min: 5.1
θB: 76°
PSD GSE X-Y 05/14/02 06:31:24
max: 11.8
min: 5.3
θB: 75°
PSD GSE X-Y 05/14/02 06:31:36
max: 11.8
min: 5.6
θB: 74°
PSD GSE X-Y 05/14/02 06:31:48
max: 11.8
min: 6.9
θB: 75°
PSD GSE X-Y 05/14/02 06:32:00
max: 11.3
min: 5.8
θB: 68°
PSD GSE X-Y 05/14/02 06:32:12
max: 11.6
min: 5.8
θB: 69°
PSD GSE X-Y 05/14/02 06:32:24
max: 11.6
min: 5.5
θB: 79°
PSD GSE X-Y 05/14/02 06:32:36
max: 11.6
min: 4.0
θB: 76°
PSD GSE X-Y 05/14/02 06:32:48
max: 11.6
min: 6.3
θB: 77°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

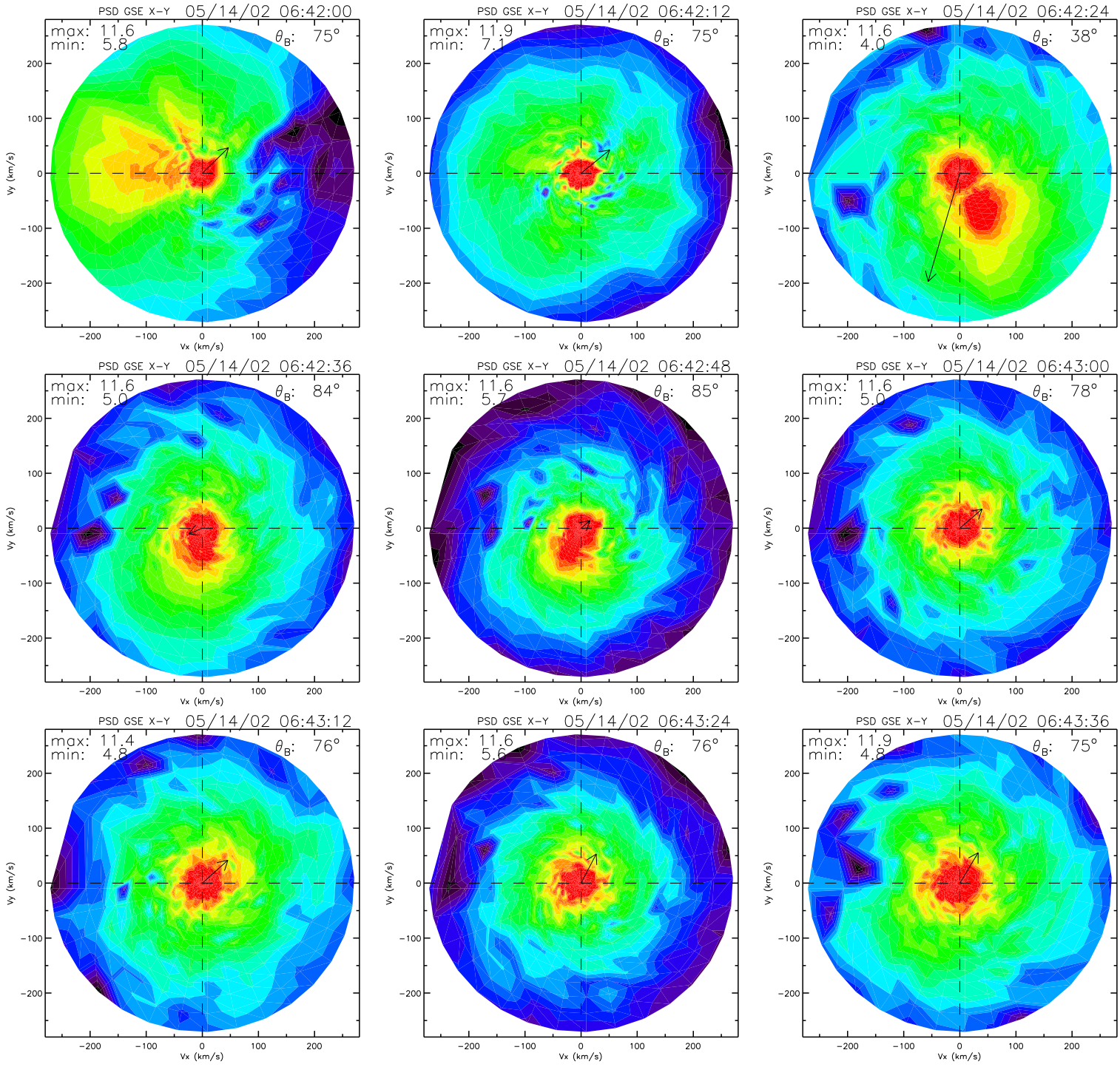

PSD GSE X-Y 05/14/02 06:33:00
max: 11.6
min: 5.1
θB: 75°
PSD GSE X-Y 05/14/02 06:33:12
max: 11.3
min: 6.7
θB: 78°
PSD GSE X-Y 05/14/02 06:33:24
max: 11.6
min: 6.5
θB: −79°
PSD GSE X-Y 05/14/02 06:33:36
max: 11.8
min: 6.0
θB: 76°
PSD GSE X-Y 05/14/02 06:33:48
max: 11.6
min: 6.0
θB: −59°
PSD GSE X-Y 05/14/02 06:34:00
max: 11.9
min: 6.5
θB: −59°
PSD GSE X-Y 05/14/02 06:34:12
max: 11.6
min: 6.9
θB: −48°
PSD GSE X-Y 05/14/02 06:34:24
max: 11.8
min: 7.2
θB: −57°
PSD GSE X-Y 05/14/02 06:34:36
max: 11.9
min: 7.2
θB: −12°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

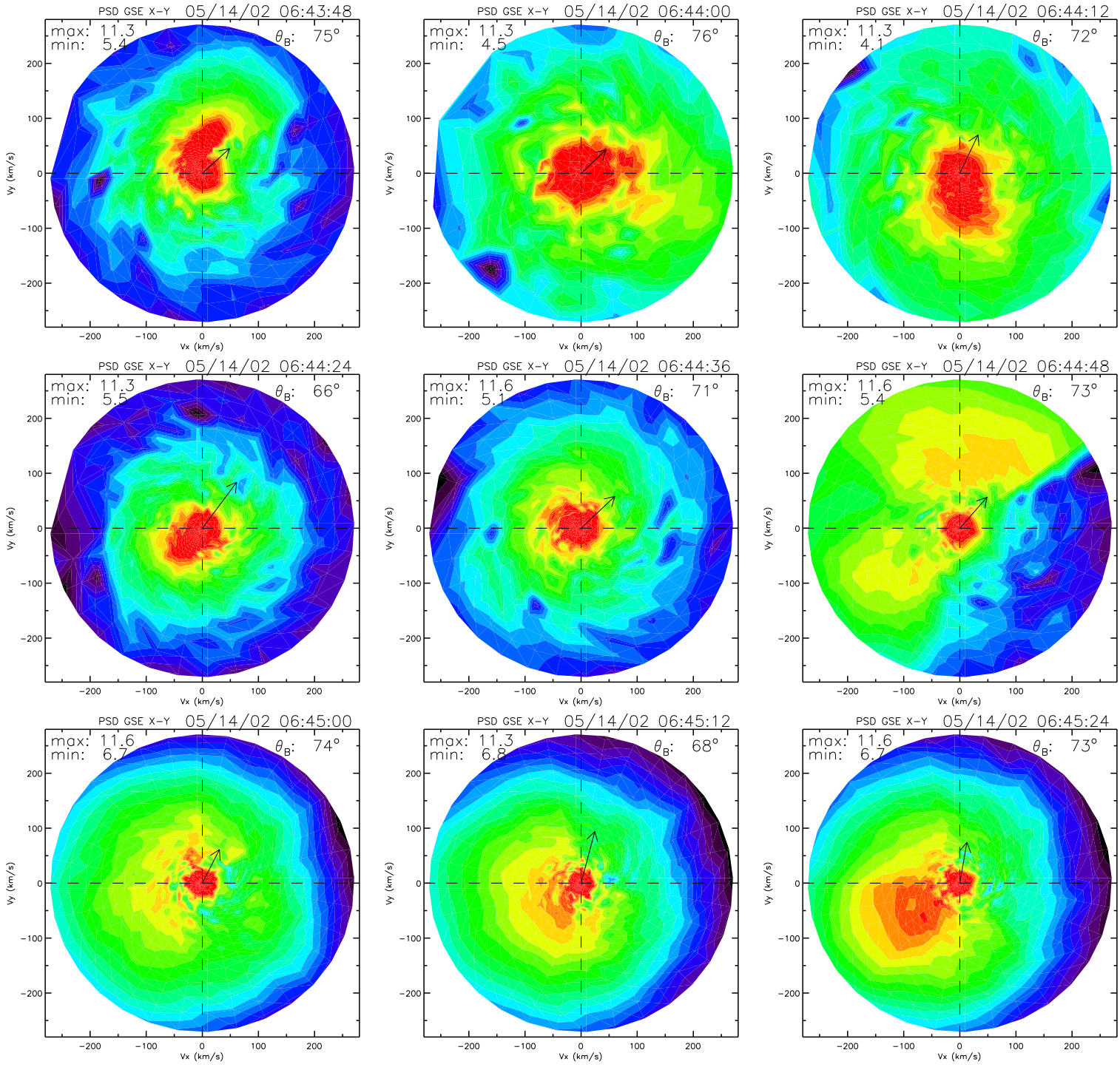

PSD GSE X-Y 05/14/02 06:34:48
max: 11.4
min: 7.6
θB: 41°
PSD GSE X-Y 05/14/02 06:35:00
max: 11.8
min: 7.3
θB: 75°
PSD GSE X-Y 05/14/02 06:35:12
max: 11.8
min: 7.1
θB: −17°
PSD GSE X-Y 05/14/02 06:35:24
max: 11.6
min: 7.2
θB: 17°
PSD GSE X-Y 05/14/02 06:35:36
max: 11.7
min: 7.6
θB: −36°
PSD GSE X-Y 05/14/02 06:35:48
max: 11.5
min: 7.0
θB: −53°
PSD GSE X-Y 05/14/02 06:36:00
max: 11.6
min: 7.4
θB: −53°
PSD GSE X-Y 05/14/02 06:36:12
max: 11.7
min: 7.7
θB: −18°
PSD GSE X-Y 05/14/02 06:36:24
max: 11.6
min: 5.9
θB: 85°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

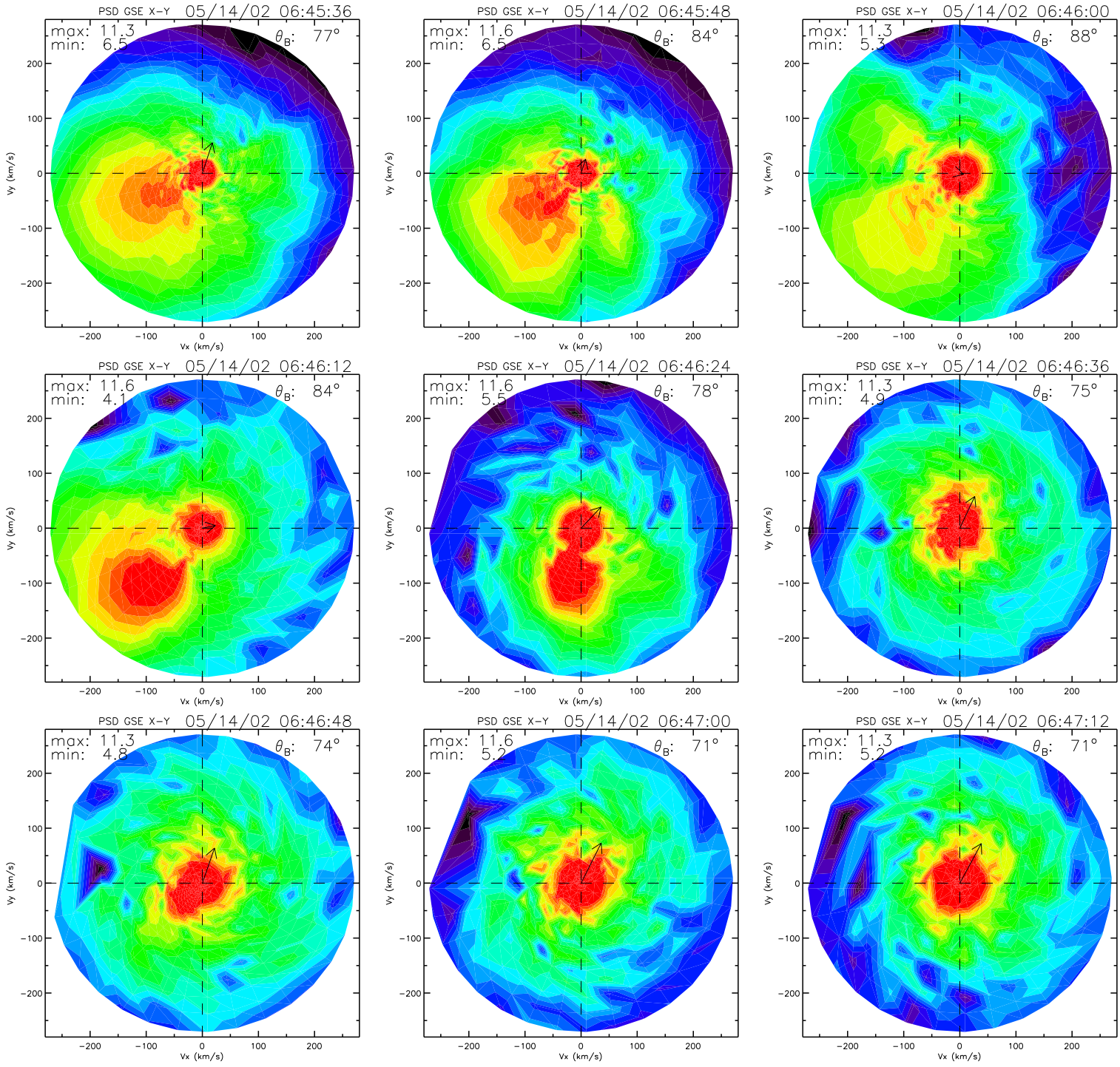

PSD GSE X-Y 05/14/02 06:36:36
max: 11.6
min: 5.0
θB: 73°
PSD GSE X-Y 05/14/02 06:36:48
max: 11.3
min: 5.2
θB: 69°
PSD GSE X-Y 05/14/02 06:37:00
max: 11.3
min: 5.2
θB: 70°
PSD GSE X-Y 05/14/02 06:37:12
max: 11.6
min: 5.2
θB: 71°
PSD GSE X-Y 05/14/02 06:37:24
max: 11.3
min: 5.7
θB: 75°
PSD GSE X-Y 05/14/02 06:37:36
max: 11.4
min: 5.4
θB: 77°
PSD GSE X-Y 05/14/02 06:37:48
max: 11.6
min: 4.8
θB: 74°
PSD GSE X-Y 05/14/02 06:38:00
max: 11.3
min: 5.0
θB: 72°
PSD GSE X-Y 05/14/02 06:38:12
max: 11.3
min: 5.4
θB: 71°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

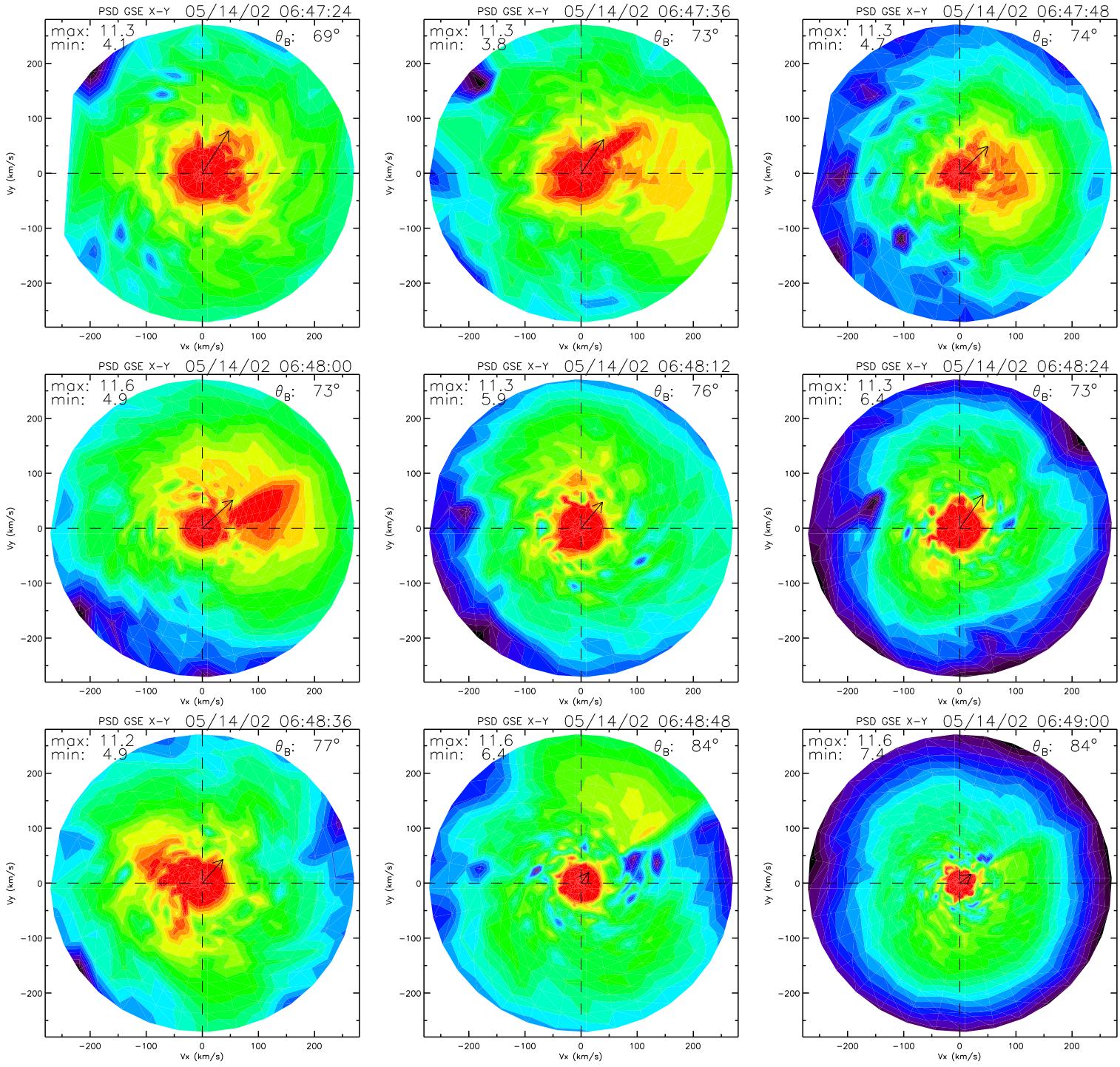

PSD GSE X-Y 05/14/02 06:38:24
max: 11.6
min: 4.3
θB: 71°
PSD GSE X-Y 05/14/02 06:38:36
max: 11.3
min: 4.8
θB: 71°
PSD GSE X-Y 05/14/02 06:38:48
max: 11.6
min: 3.8
θB: 71°
PSD GSE X-Y 05/14/02 06:39:00
max: 11.6
min: 4.1
θB: 70°
PSD GSE X-Y 05/14/02 06:39:12
max: 11.6
min: 4.8
θB: 69°
PSD GSE X-Y 05/14/02 06:39:24
max: 11.4
min: 5.3
θB: 69°
PSD GSE X-Y 05/14/02 06:39:36
max: 11.4
min: 5.5
θB: 69°
PSD GSE X-Y 05/14/02 06:39:48
max: 11.3
min: 5.4
θB: 72°
PSD GSE X-Y 05/14/02 06:40:00
max: 11.6
min: 4.8
θB: 75°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

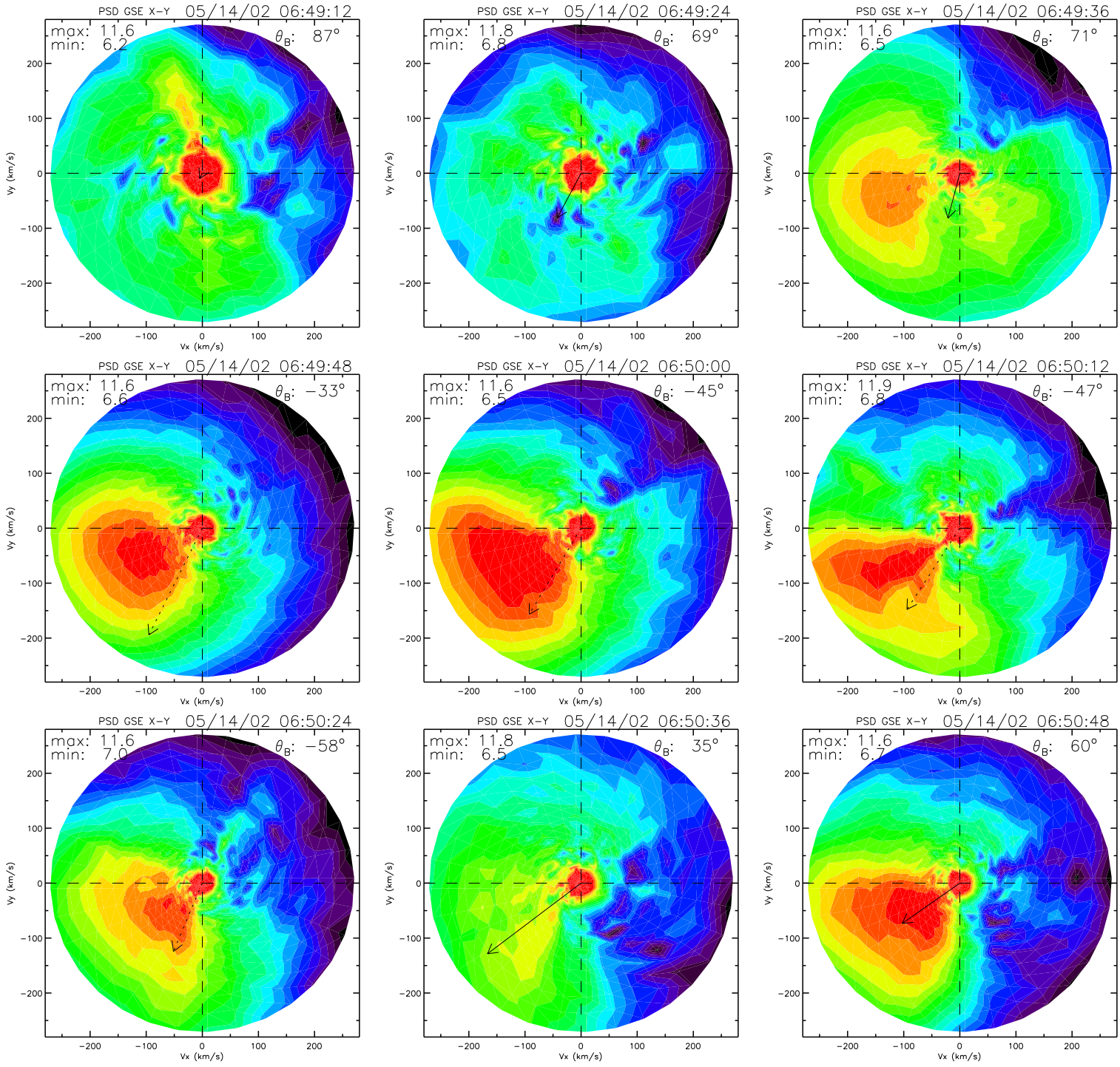

PSD GSE X-Y 05/14/02 06:40:12
max: 11.4
min: 5.4
θB: 75°
PSD GSE X-Y 05/14/02 06:40:24
max: 11.6
min: 5.4
θB: 75°
PSD GSE X-Y 05/14/02 06:40:36
max: 12.0
min: 5.9
θB: 72°
PSD GSE X-Y 05/14/02 06:40:48
max: 11.4
min: 5.1
θB: 70°
PSD GSE X-Y 05/14/02 06:41:00
max: 11.6
min: 5.5
θB: 74°
PSD GSE X-Y 05/14/02 06:41:12
max: 11.8
min: 5.5
θB: 78°
PSD GSE X-Y 05/14/02 06:41:24
max: 11.6
min: 5.2
θB: 77°
PSD GSE X-Y 05/14/02 06:41:36
max: 11.6
min: 5.9
θB: 77°
PSD GSE X-Y 05/14/02 06:41:48
max: 11.4
min: 5.4
θB: 71°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

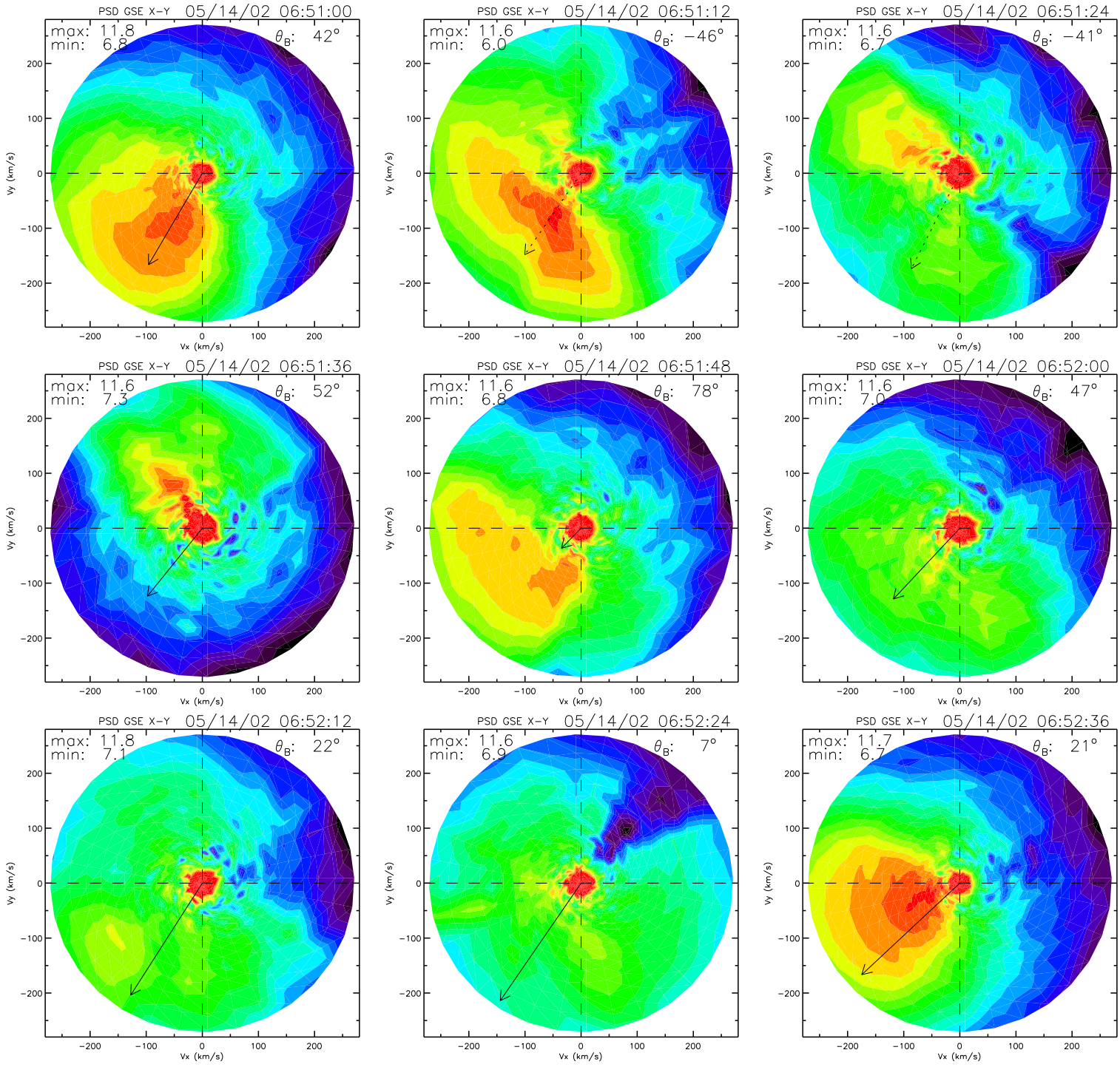

PSD GSE X-Y 05/14/02 06:42:00
max: 11.6
min: 5.8
θB: 75°
PSD GSE X-Y 05/14/02 06:42:12
max: 11.9
min: 7.1
θB: 75°
PSD GSE X-Y 05/14/02 06:42:24
max: 11.6
min: 4.0
θB: 38°
PSD GSE X-Y 05/14/02 06:42:36
max: 11.6
min: 5.0
θB: 84°
PSD GSE X-Y 05/14/02 06:42:48
max: 11.6
min: 5.7
θB: 85°
PSD GSE X-Y 05/14/02 06:43:00
max: 11.6
min: 5.0
θB: 78°
PSD GSE X-Y 05/14/02 06:43:12
max: 11.4
min: 4.8
θB: 76°
PSD GSE X-Y 05/14/02 06:43:24
max: 11.6
min: 5.6
θB: 76°
PSD GSE X-Y 05/14/02 06:43:36
max: 11.9
min: 4.8
θB: 75°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

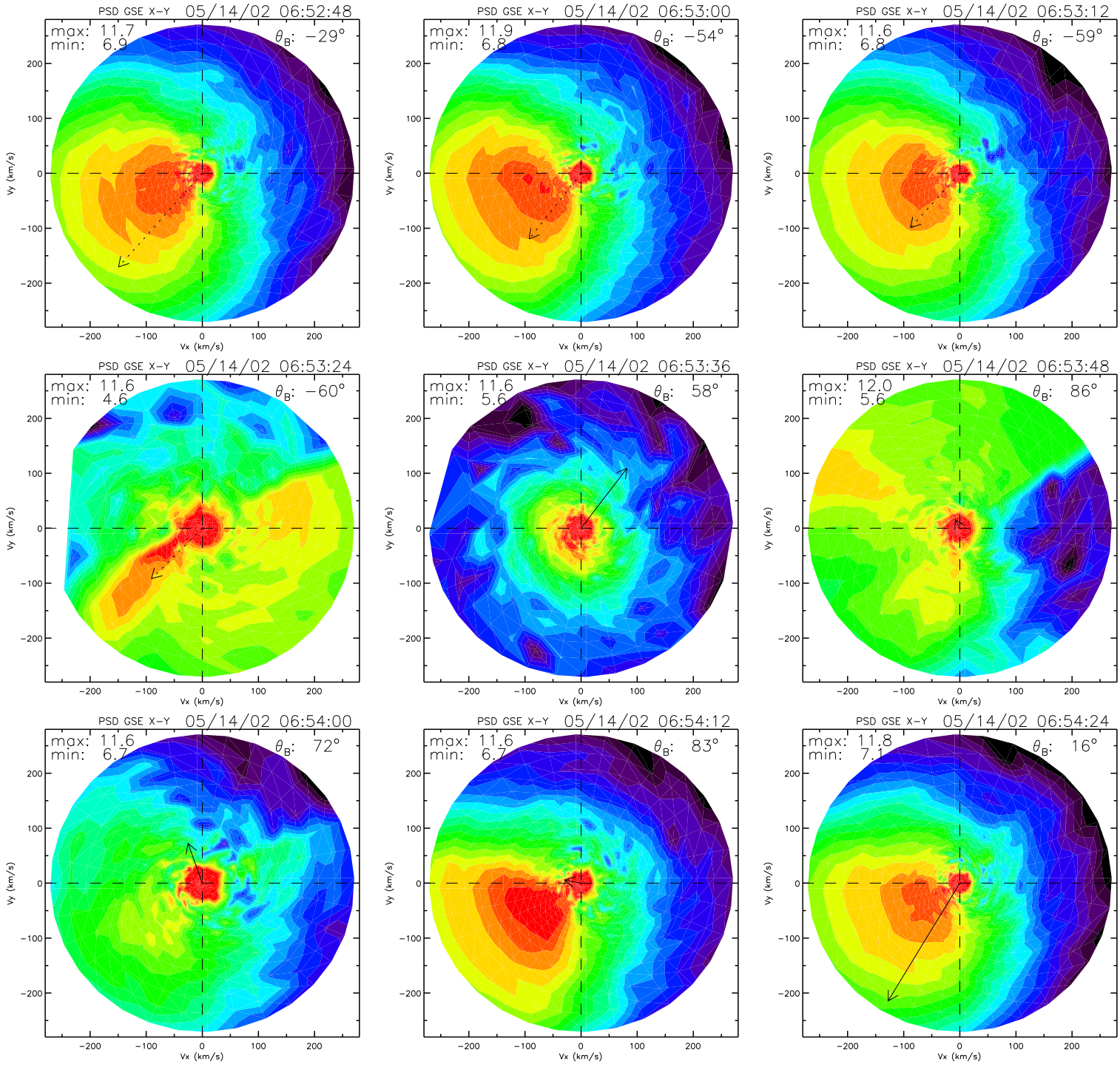

PSD GSE X-Y 05/14/02 06:43:48
max: 11.3
min: 5.4
θB: 75°
PSD GSE X-Y 05/14/02 06:44:00
max: 11.3
min: 4.5
θB: 76°
PSD GSE X-Y 05/14/02 06:44:12
max: 11.3
min: 4.1
θB: 72°
PSD GSE X-Y 05/14/02 06:44:24
max: 11.3
min: 5.5
θB: 66°
PSD GSE X-Y 05/14/02 06:44:36
max: 11.6
min: 5.1
θB: 71°
PSD GSE X-Y 05/14/02 06:44:48
max: 11.6
min: 5.4
θB: 73°
PSD GSE X-Y 05/14/02 06:45:00
max: 11.6
min: 6.7
θB: 74°
PSD GSE X-Y 05/14/02 06:45:12
max: 11.3
min: 6.8
θB: 68°
PSD GSE X-Y 05/14/02 06:45:24
max: 11.6
min: 6.7
θB: 73°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

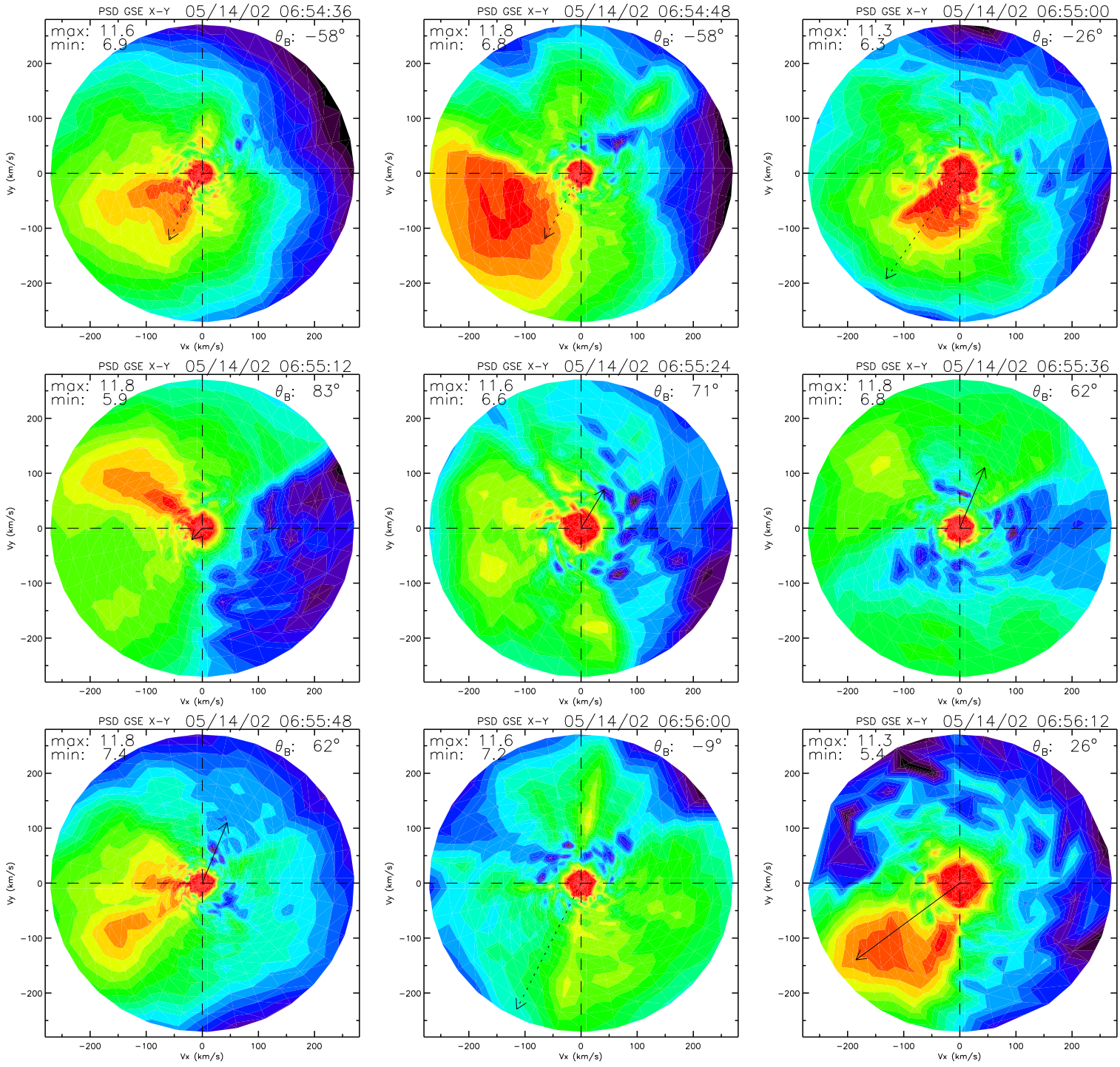

PSD GSE X-Y 05/14/02 06:45:36
max: 11.3
min: 6.5
θB: 77°
PSD GSE X-Y 05/14/02 06:45:48
max: 11.6
min: 6.5
θB: 84°
PSD GSE X-Y 05/14/02 06:46:00
max: 11.3
min: 5.3
θB: 88°
PSD GSE X-Y 05/14/02 06:46:12
max: 11.6
min: 4.1
θB: 84°
PSD GSE X-Y 05/14/02 06:46:24
max: 11.6
min: 5.5
θB: 78°
PSD GSE X-Y 05/14/02 06:46:36
max: 11.3
min: 4.9
θB: 75°
PSD GSE X-Y 05/14/02 06:46:48
max: 11.3
min: 4.8
θB: 74°
PSD GSE X-Y 05/14/02 06:47:00
max: 11.6
min: 5.2
θB: 71°
PSD GSE X-Y 05/14/02 06:47:12
max: 11.3
min: 5.2
θB: 71°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

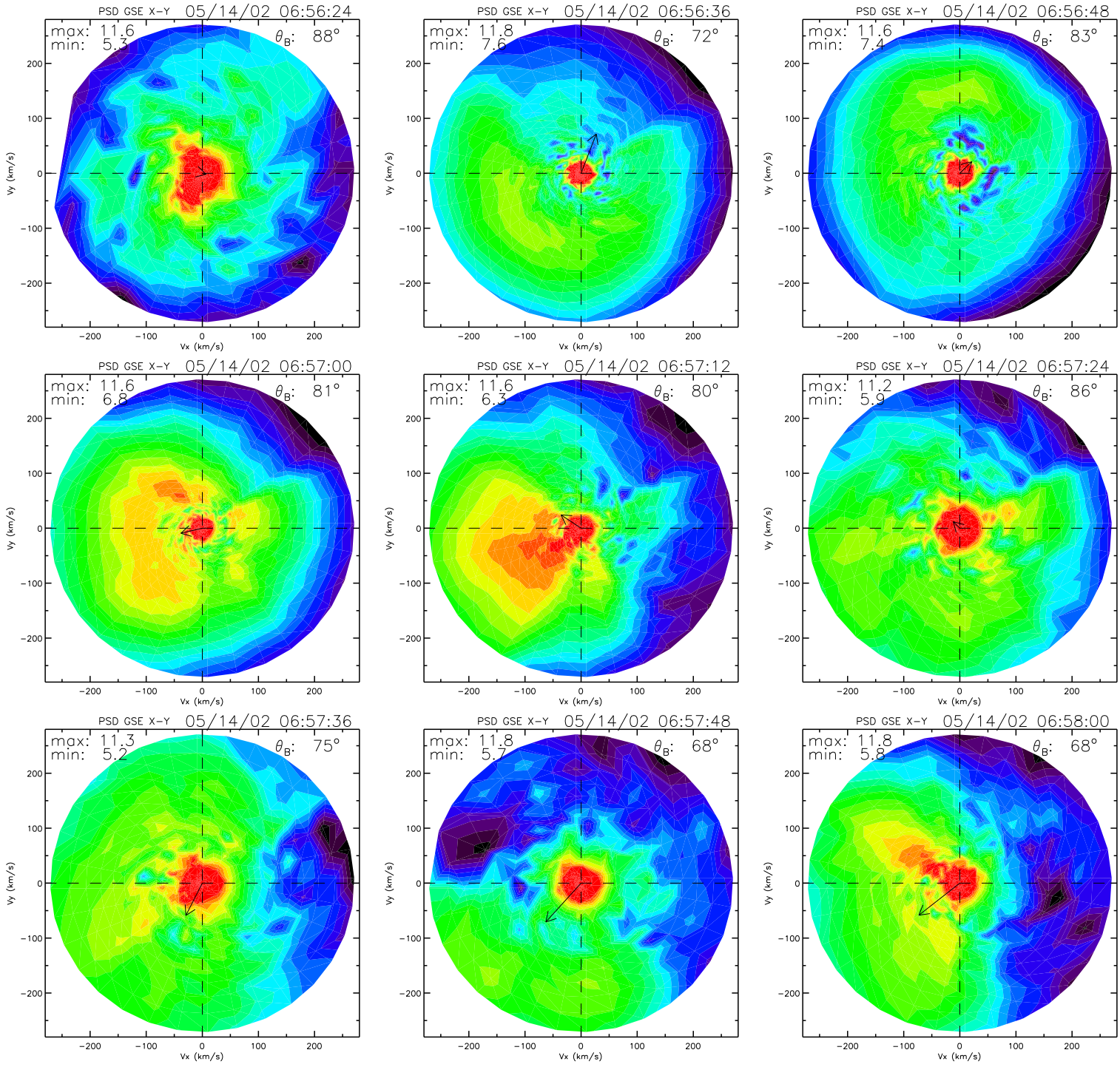

PSD GSE X-Y 05/14/02 06:47:24
max: 11.3
min: 4.1
θB: 69°
PSD GSE X-Y 05/14/02 06:47:36
max: 11.3
min: 3.8
θB: 73°
PSD GSE X-Y 05/14/02 06:47:48
max: 11.3
min: 4.7
θB: 74°
PSD GSE X-Y 05/14/02 06:48:00
max: 11.6
min: 4.9
θB: 73°
PSD GSE X-Y 05/14/02 06:48:12
max: 11.3
min: 5.9
θB: 76°
PSD GSE X-Y 05/14/02 06:48:24
max: 11.3
min: 6.4
θB: 73°
PSD GSE X-Y 05/14/02 06:48:36
max: 11.2
min: 4.9
θB: 77°
PSD GSE X-Y 05/14/02 06:48:48
max: 11.6
min: 6.4
θB: 84°
PSD GSE X-Y 05/14/02 06:49:00
max: 11.6
min: 7.4
θB: 84°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

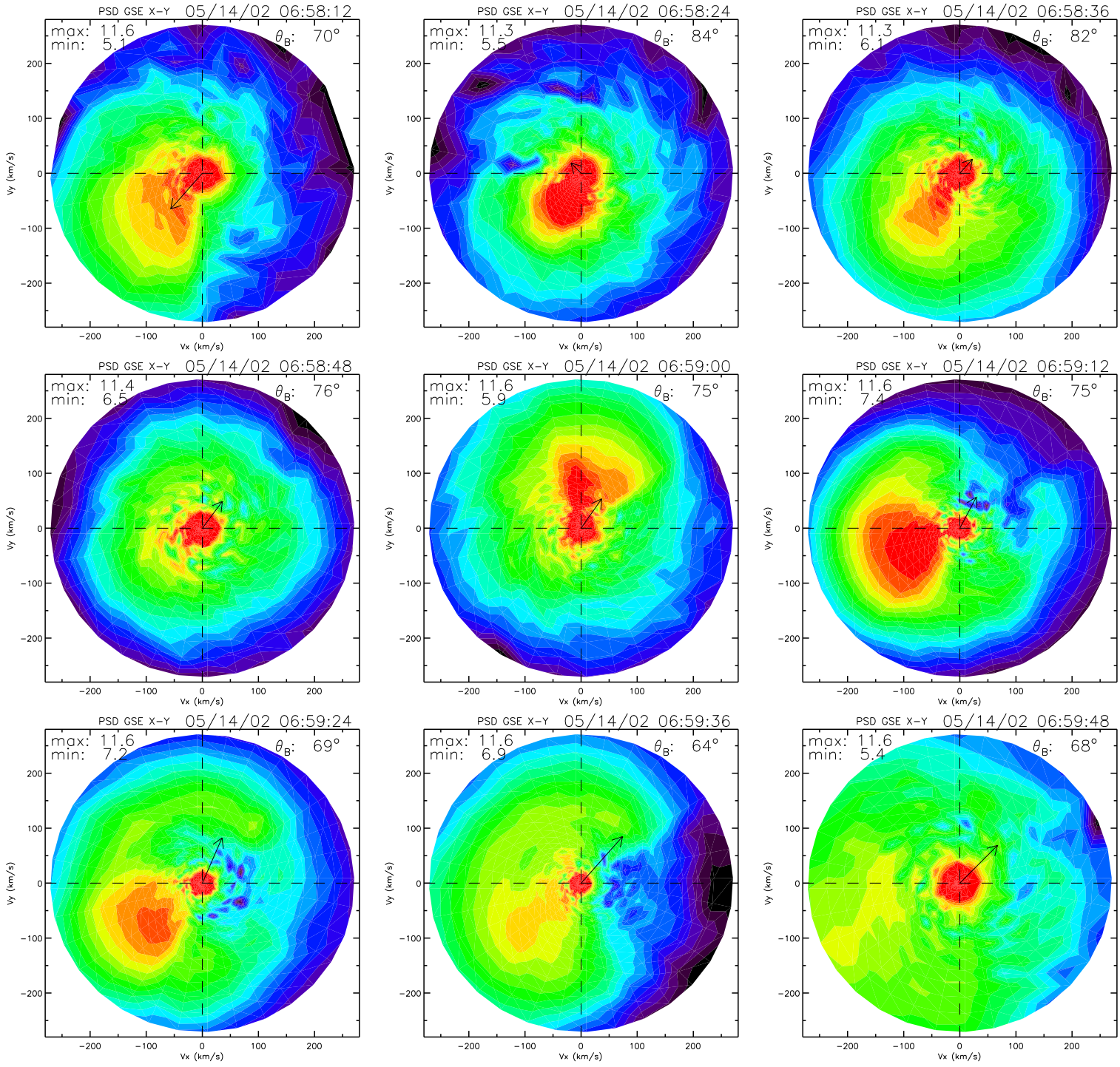

PSD GSE X-Y 05/14/02 06:49:12
max: 11.6
min: 6.2
θB: 87°
PSD GSE X-Y 05/14/02 06:49:24
max: 11.8
min: 6.8
θB: 69°
PSD GSE X-Y 05/14/02 06:49:36
max: 11.6
min: 6.5
θB: 71°
PSD GSE X-Y 05/14/02 06:49:48
max: 11.6
min: 6.6
θB: −33°
PSD GSE X-Y 05/14/02 06:50:00
max: 11.6
min: 6.5
θB: −45°
PSD GSE X-Y 05/14/02 06:50:12
max: 11.9
min: 6.8
θB: −47°
PSD GSE X-Y 05/14/02 06:50:24
max: 11.6
min: 7.0
θB: −58°
PSD GSE X-Y 05/14/02 06:50:36
max: 11.8
min: 6.5
θB: 35°
PSD GSE X-Y 05/14/02 06:50:48
max: 11.6
min: 6.7
θB: 60°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

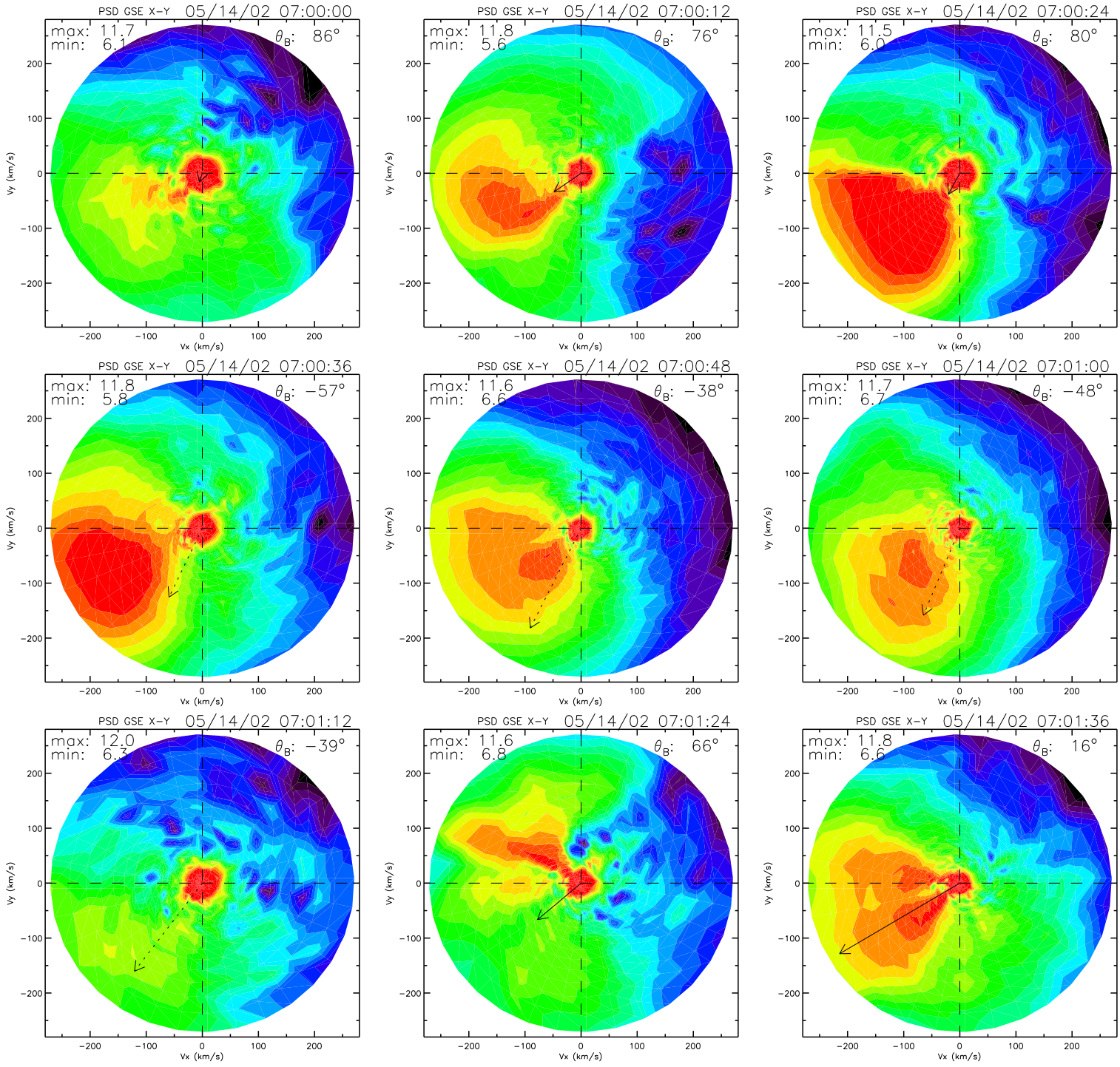

PSD GSE X-Y 05/14/02 06:51:00
max: 11.8
min: 6.8
θB: 42°
PSD GSE X-Y 05/14/02 06:51:12
max: 11.6
min: 6.0
θB: −46°
PSD GSE X-Y 05/14/02 06:51:24
max: 11.6
min: 6.7
θB: −41°
PSD GSE X-Y 05/14/02 06:51:36
max: 11.6
min: 7.3
θB: 52°
PSD GSE X-Y 05/14/02 06:51:48
max: 11.6
min: 6.8
θB: 78°
PSD GSE X-Y 05/14/02 06:52:00
max: 11.6
min: 7.0
θB: 47°
PSD GSE X-Y 05/14/02 06:52:12
max: 11.8
min: 7.1
θB: 22°
PSD GSE X-Y 05/14/02 06:52:24
max: 11.6
min: 6.9
θB: 7°
PSD GSE X-Y 05/14/02 06:52:36
max: 11.7
min: 6.7
θB: 21°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 05/14/02 06:52:48
max: 11.7
min: 6.9
θB: −29°
PSD GSE X-Y 05/14/02 06:53:00
max: 11.9
min: 6.8
θB: −54°
PSD GSE X-Y 05/14/02 06:53:12
max: 11.6
min: 6.8
θB: −59°
PSD GSE X-Y 05/14/02 06:53:24
max: 11.6
min: 4.6
θB: −60°
PSD GSE X-Y 05/14/02 06:53:36
max: 11.6
min: 5.6
θB: 58°
PSD GSE X-Y 05/14/02 06:53:48
max: 12.0
min: 5.6
θB: 86°
PSD GSE X-Y 05/14/02 06:54:00
max: 11.6
min: 6.7
θB: 72°
PSD GSE X-Y 05/14/02 06:54:12
max: 11.6
min: 6.7
θB: 83°
PSD GSE X-Y 05/14/02 06:54:24
max: 11.8
min: 7.1
θB: 16°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 05/14/02 06:54:36
max: 11.6
min: 6.9
θB: −58°
PSD GSE X-Y 05/14/02 06:54:48
max: 11.8
min: 6.8
θB: −58°
PSD GSE X-Y 05/14/02 06:55:00
max: 11.3
min: 6.3
θB: −26°
PSD GSE X-Y 05/14/02 06:55:12
max: 11.8
min: 5.9
θB: 83°
PSD GSE X-Y 05/14/02 06:55:24
max: 11.6
min: 6.6
θB: 71°
PSD GSE X-Y 05/14/02 06:55:36
max: 11.8
min: 6.8
θB: 62°
PSD GSE X-Y 05/14/02 06:55:48
max: 11.8
min: 7.4
θB: 62°
PSD GSE X-Y 05/14/02 06:56:00
max: 11.6
min: 7.2
θB: −9°
PSD GSE X-Y 05/14/02 06:56:12
max: 11.3
min: 5.4
θB: 26°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 05/14/02 06:56:24
max: 11.6
min: 5.3
θB: 88°
PSD GSE X-Y 05/14/02 06:56:36
max: 11.8
min: 7.6
θB: 72°
PSD GSE X-Y 05/14/02 06:56:48
max: 11.6
min: 7.4
θB: 83°
PSD GSE X-Y 05/14/02 06:57:00
max: 11.6
min: 6.8
θB: 81°
PSD GSE X-Y 05/14/02 06:57:12
max: 11.6
min: 6.3
θB: 80°
PSD GSE X-Y 05/14/02 06:57:24
max: 11.2
min: 5.9
θB: 86°
PSD GSE X-Y 05/14/02 06:57:36
max: 11.3
min: 5.2
θB: 75°
PSD GSE X-Y 05/14/02 06:57:48
max: 11.8
min: 5.7
θB: 68°
PSD GSE X-Y 05/14/02 06:58:00
max: 11.8
min: 5.8
θB: 68°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 05/14/02 06:58:12
max: 11.6
min: 5.1
θB: 70°
PSD GSE X-Y 05/14/02 06:58:24
max: 11.3
min: 5.5
θB: 84°
PSD GSE X-Y 05/14/02 06:58:36
max: 11.3
min: 6.1
θB: 82°
PSD GSE X-Y 05/14/02 06:58:48
max: 11.4
min: 6.5
θB: 76°
PSD GSE X-Y 05/14/02 06:59:00
max: 11.6
min: 5.9
θB: 75°
PSD GSE X-Y 05/14/02 06:59:12
max: 11.6
min: 7.4
θB: 75°
PSD GSE X-Y 05/14/02 06:59:24
max: 11.6
min: 7.2
θB: 69°
PSD GSE X-Y 05/14/02 06:59:36
max: 11.6
min: 6.9
θB: 64°
PSD GSE X-Y 05/14/02 06:59:48
max: 11.6
min: 5.4
θB: 68°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 05/14/02 07:00:00
max: 11.7
min: 6.1
θB: 86°
PSD GSE X-Y 05/14/02 07:00:12
max: 11.8
min: 5.6
θB: 76°
PSD GSE X-Y 05/14/02 07:00:24
max: 11.5
min: 6.0
θB: 80°
PSD GSE X-Y 05/14/02 07:00:36
max: 11.8
min: 5.8
θB: −57°
PSD GSE X-Y 05/14/02 07:00:48
max: 11.6
min: 6.6
θB: −38°
PSD GSE X-Y 05/14/02 07:01:00
max: 11.7
min: 6.7
θB: −48°
PSD GSE X-Y 05/14/02 07:01:12
max: 12.0
min: 6.3
θB: −39°
PSD GSE X-Y 05/14/02 07:01:24
max: 11.6
min: 6.8
θB: 66°
PSD GSE X-Y 05/14/02 07:01:36
max: 11.8
min: 6.6
θB: 16°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200