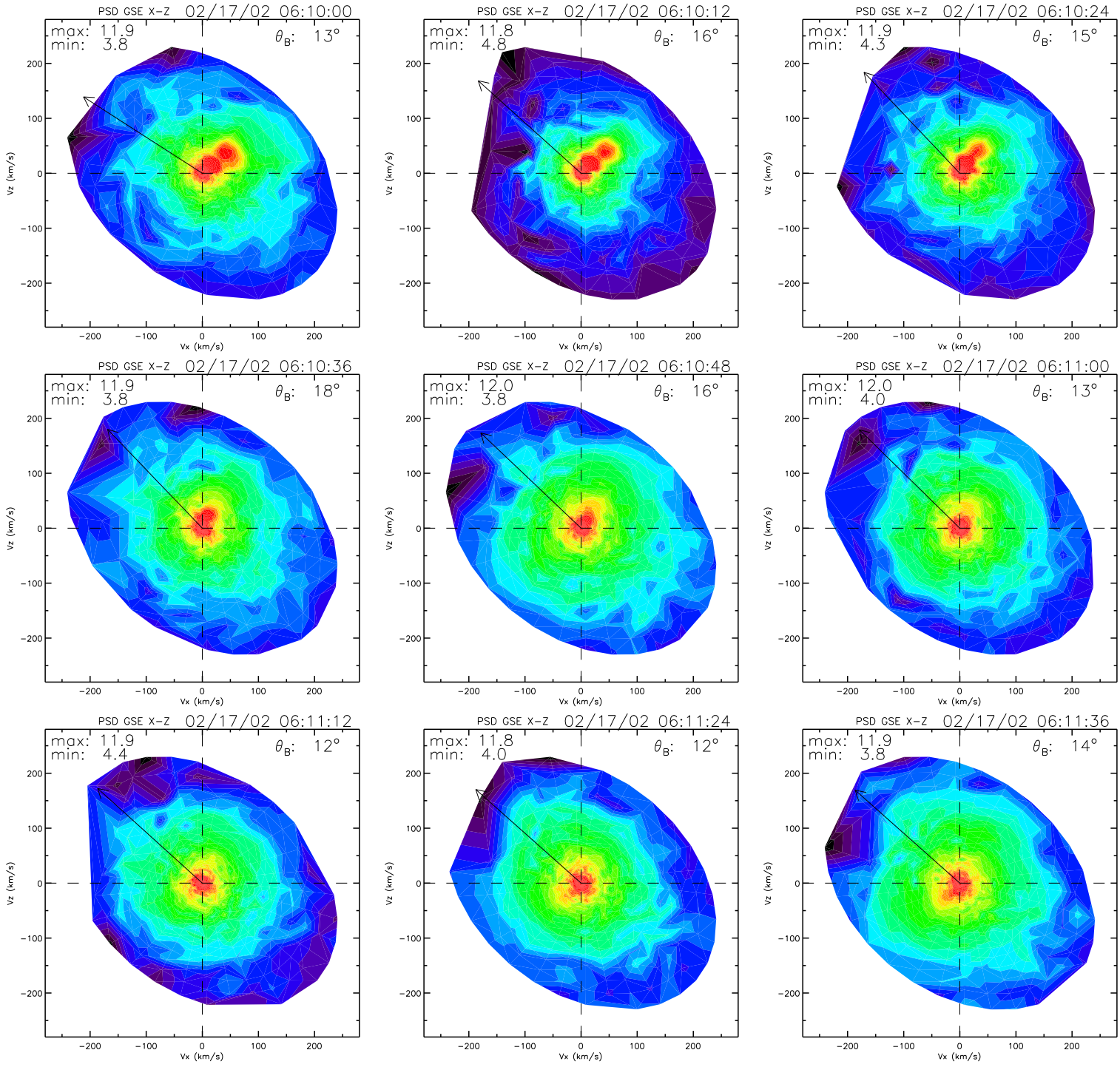
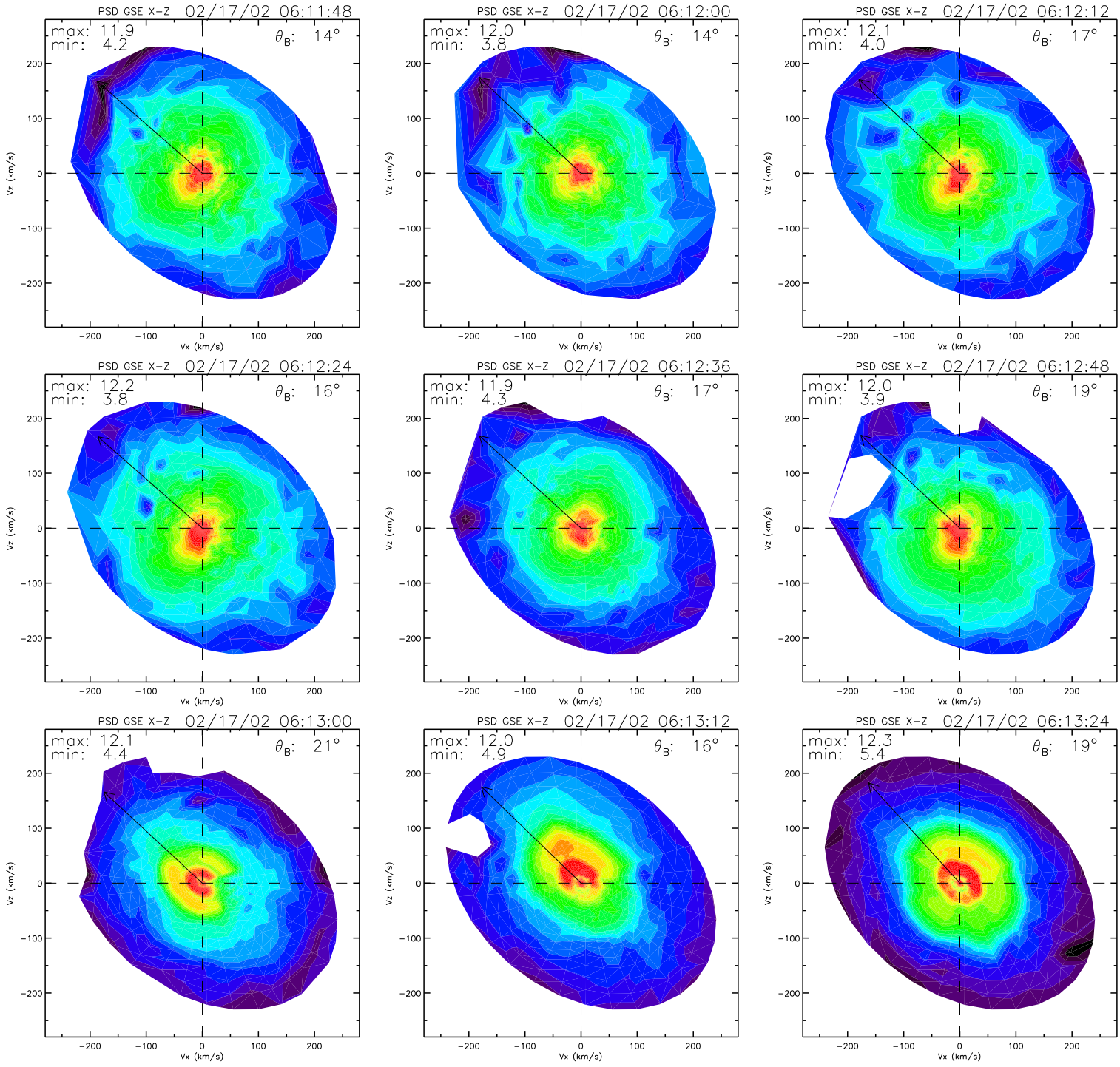

PSD GSE X-Z 02/17/02 06:10:00
max: 11.9
min: 3.8
θB: 13°
PSD GSE X-Z 02/17/02 06:10:12
max: 11.8
min: 4.8
θB: 16°
PSD GSE X-Z 02/17/02 06:10:24
max: 11.9
min: 4.3
θB: 15°
PSD GSE X-Z 02/17/02 06:10:36
max: 11.9
min: 3.8
θB: 18°
PSD GSE X-Z 02/17/02 06:10:48
max: 12.0
min: 3.8
θB: 16°
PSD GSE X-Z 02/17/02 06:11:00
max: 12.0
min: 4.0
θB: 13°
PSD GSE X-Z 02/17/02 06:11:12
max: 11.9
min: 4.4
θB: 12°
PSD GSE X-Z 02/17/02 06:11:24
max: 11.8
min: 4.0
θB: 12°
PSD GSE X-Z 02/17/02 06:11:36
max: 11.9
min: 3.8
θB: 14°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200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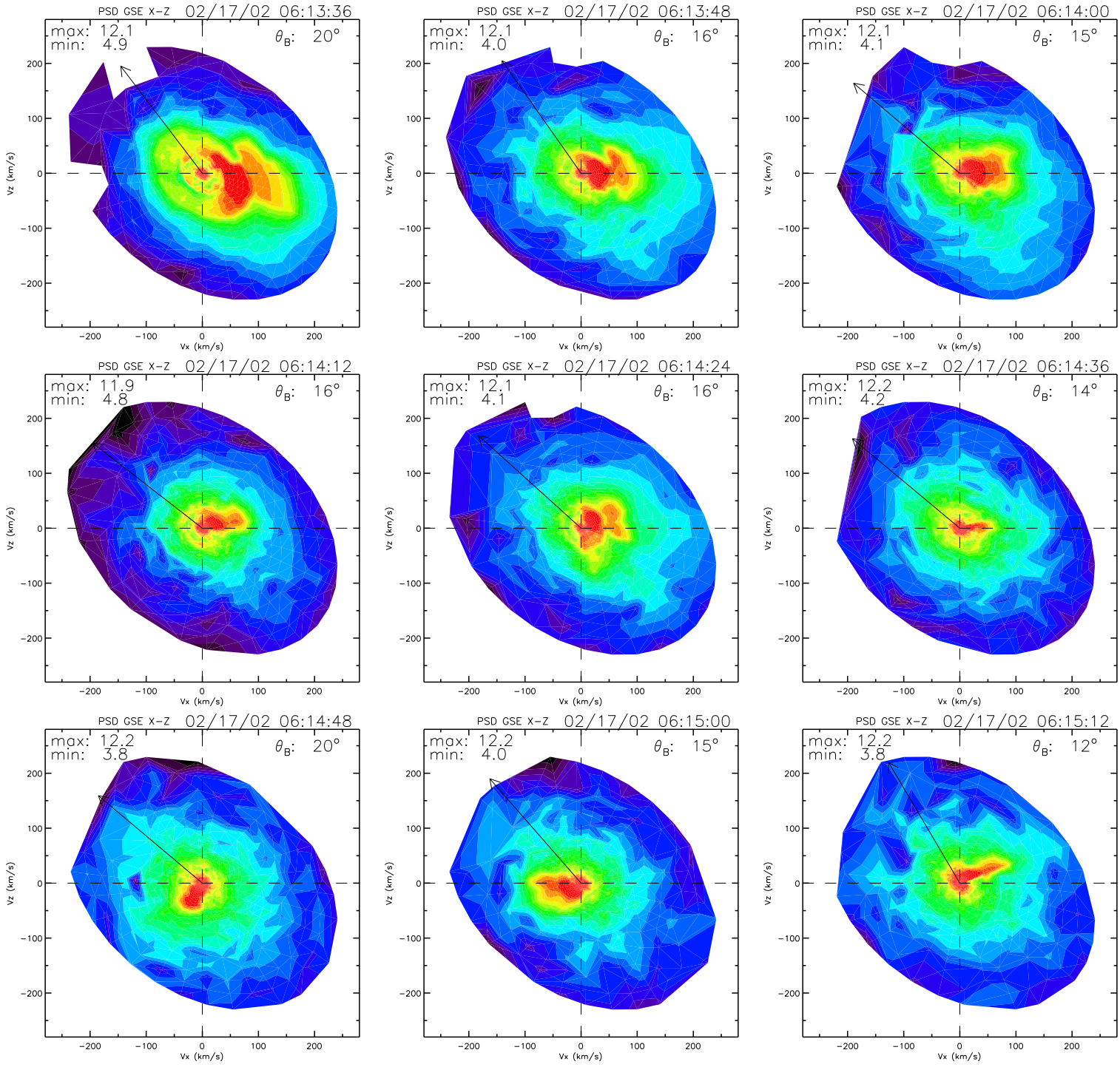
min: 4.2
θB: 14°
PSD GSE X-Z 02/17/02 06:12:00
max: 12.0
min: 3.8
θB: 14°
PSD GSE X-Z 02/17/02 06:12:12
max: 12.1
min: 4.0
θB: 17°
PSD GSE X-Z 02/17/02 06:12:24
max: 12.2
min: 3.8
θB: 16°
PSD GSE X-Z 02/17/02 06:12:36
max: 11.9
min: 4.3
θB: 17°
PSD GSE X-Z 02/17/02 06:12:48
max: 12.0
min: 3.9
θB: 19°
PSD GSE X-Z 02/17/02 06:13:00
max: 12.1
min: 4.4
θB: 21°
PSD GSE X-Z 02/17/02 06:13:12
max: 12.0
min: 4.9
θB: 16°
PSD GSE X-Z 02/17/02 06:13:24
max: 12.3
min: 5.4
θB: 19°
Vx (km/s)
Vz (km/s)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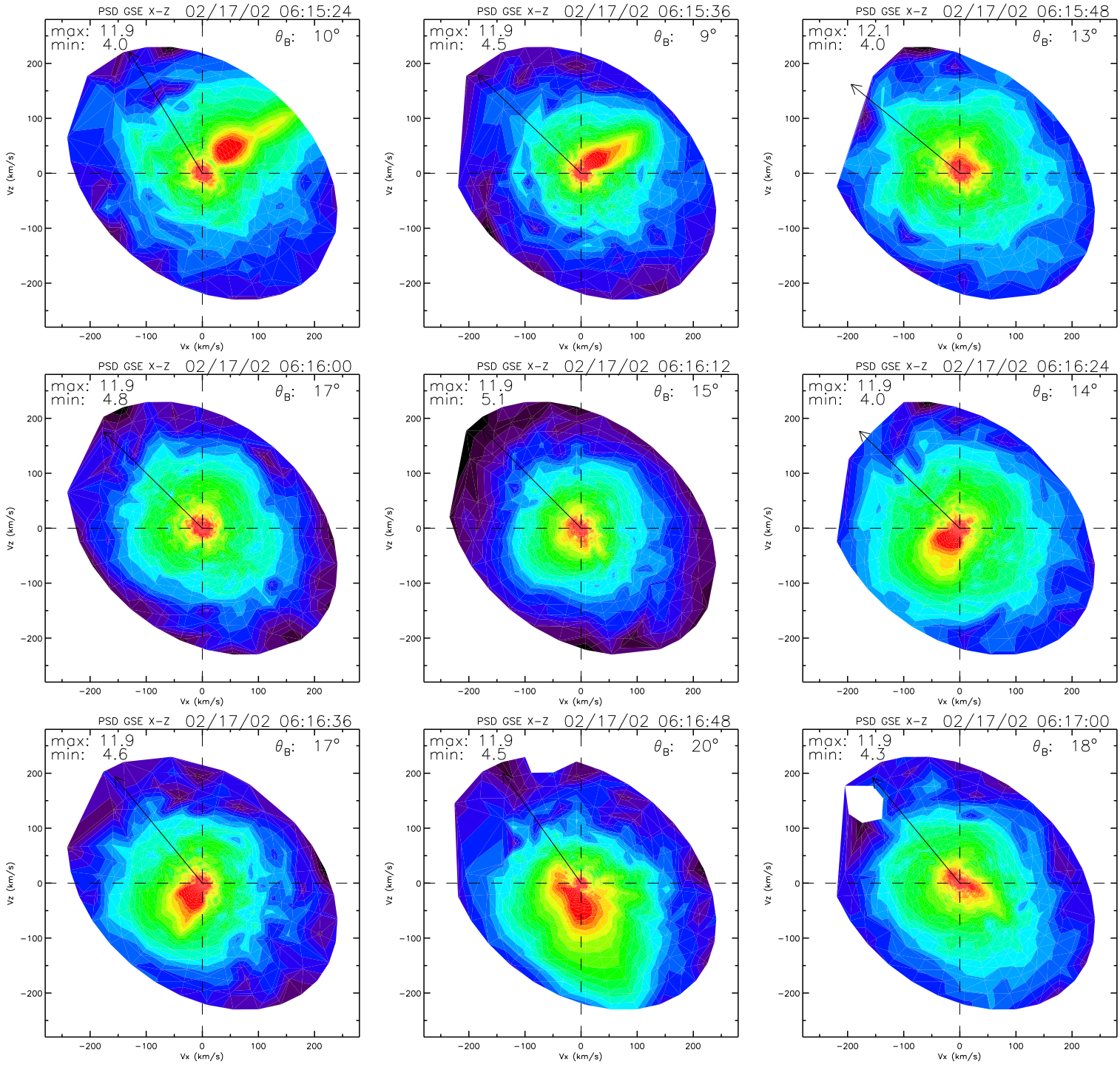
max: 12.1
min: 4.9
θB: 20°
PSD GSE X-Z 02/17/02 06:13:48
max: 12.1
min: 4.0
θB: 16°
PSD GSE X-Z 02/17/02 06:14:00
max: 12.1
min: 4.1
θB: 15°
PSD GSE X-Z 02/17/02 06:14:12
max: 11.9
min: 4.8
θB: 16°
PSD GSE X-Z 02/17/02 06:14:24
max: 12.1
min: 4.1
θB: 16°
PSD GSE X-Z 02/17/02 06:14:36
max: 12.2
min: 4.2
θB: 14°
PSD GSE X-Z 02/17/02 06:14:48
max: 12.2
min: 3.8
θB: 20°
PSD GSE X-Z 02/17/02 06:15:00
max: 12.2
min: 4.0
θB: 15°
PSD GSE X-Z 02/17/02 06:15:12
max: 12.2
min: 3.8
θB: 12°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200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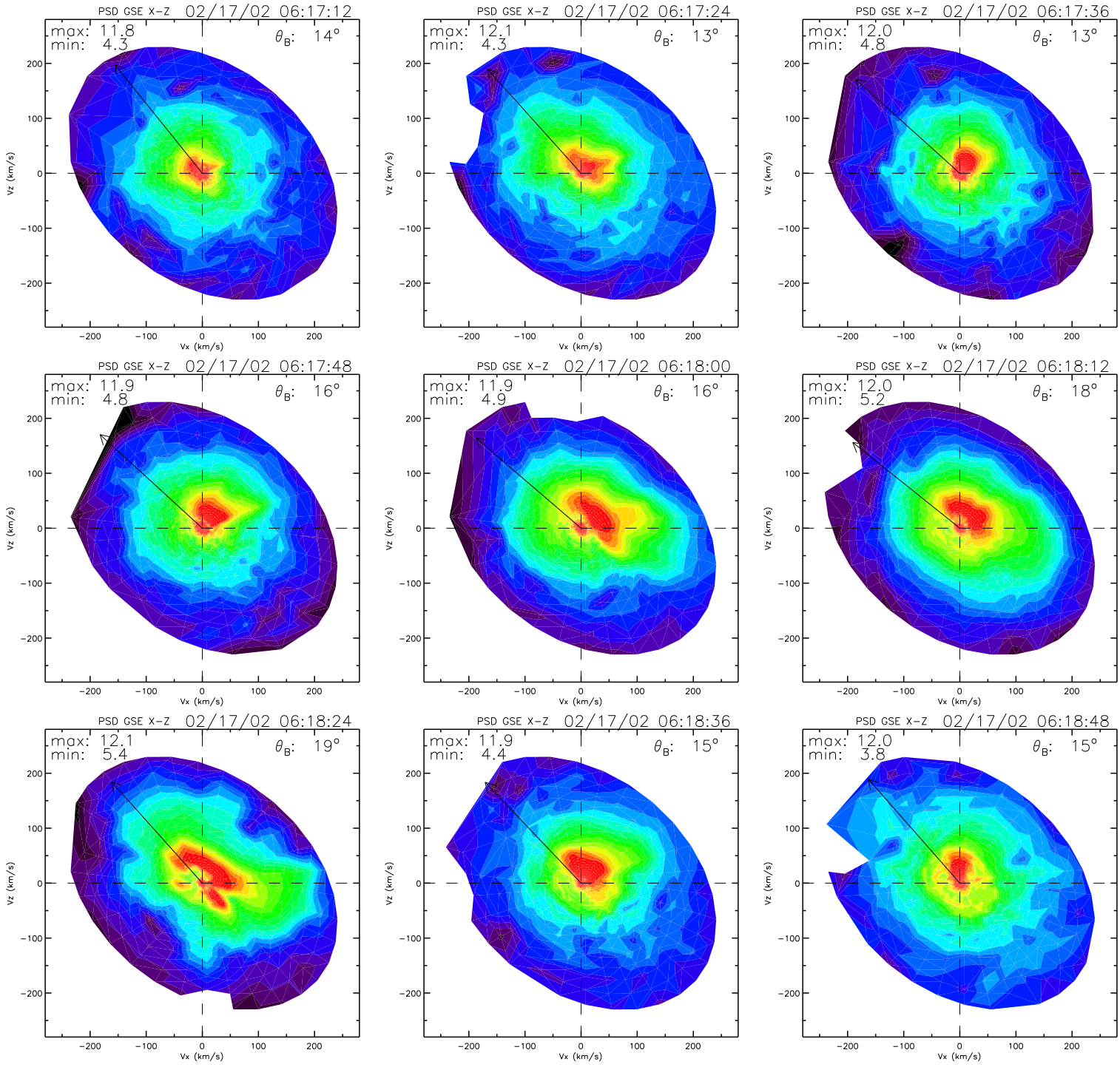
max: 11.9
min: 4.0
θB: 10°
PSD GSE X-Z 02/17/02 06:15:36
max: 11.9
min: 4.5
θB: 9°
PSD GSE X-Z 02/17/02 06:15:48
max: 12.1
min: 4.0
θB: 13°
PSD GSE X-Z 02/17/02 06:16:00
max: 11.9
min: 4.8
θB: 17°
PSD GSE X-Z 02/17/02 06:16:12
max: 11.9
min: 5.1
θB: 15°
PSD GSE X-Z 02/17/02 06:16:24
max: 11.9
min: 4.0
θB: 14°
PSD GSE X-Z 02/17/02 06:16:36
max: 11.9
min: 4.6
θB: 17°
PSD GSE X-Z 02/17/02 06:16:48
max: 11.9
min: 4.5
θB: 20°
PSD GSE X-Z 02/17/02 06:17:00
max: 11.9
min: 4.3
θB: 18°
Vx (km/s)
Vz (km/s)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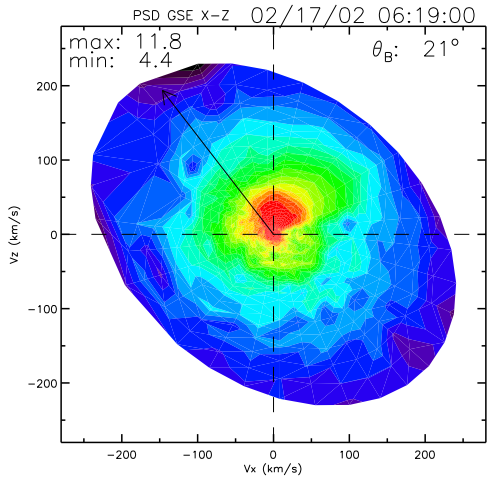
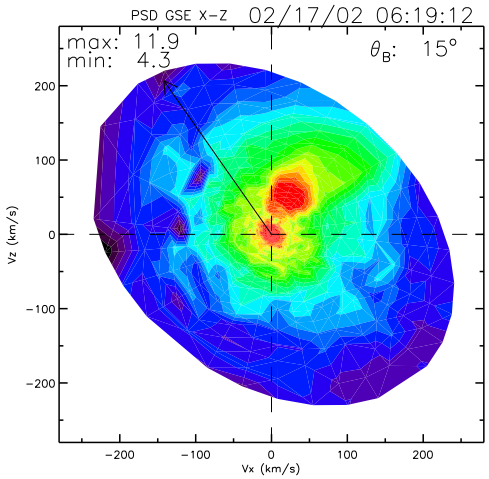
max: 11.8
min: 4.3
θB: 14°
PSD GSE X-Z 02/17/02 06:17:24
max: 12.1
min: 4.3
θB: 13°
PSD GSE X-Z 02/17/02 06:17:36
max: 12.0
min: 4.8
θB: 13°
PSD GSE X-Z 02/17/02 06:17:48
max: 11.9
min: 4.8
θB: 16°
PSD GSE X-Z 02/17/02 06:18:00
max: 11.9
min: 4.9
θB: 16°
PSD GSE X-Z 02/17/02 06:18:12
max: 12.0
min: 5.2
θB: 18°
PSD GSE X-Z 02/17/02 06:18:24
max: 12.1
min: 5.4
θB: 19°
PSD GSE X-Z 02/17/02 06:18:36
max: 11.9
min: 4.4
θB: 15°
PSD GSE X-Z 02/17/02 06:18:48
max: 12.0
min: 3.8
θB: 15°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 02/17/02 06:19:00
max: 11.8
min: 4.4
θB: 21°
Vz (km/s)
Vx (km/s)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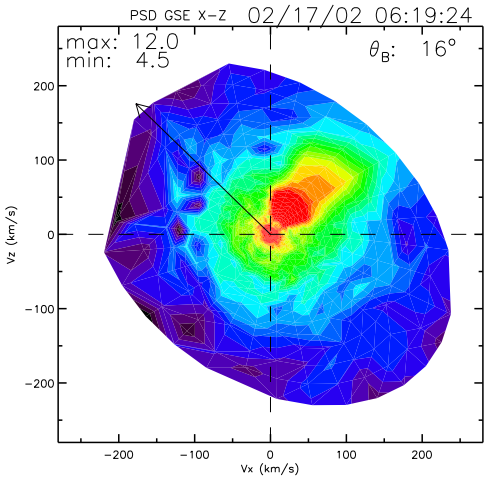
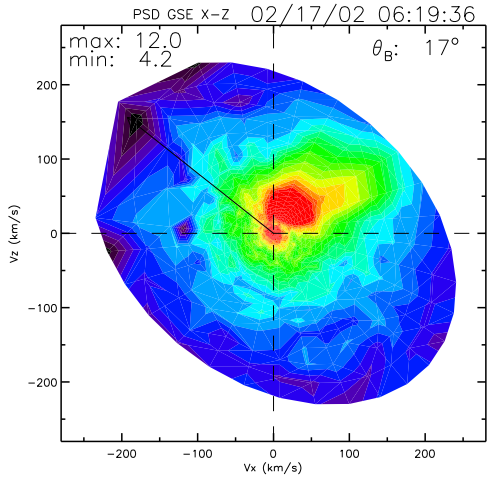
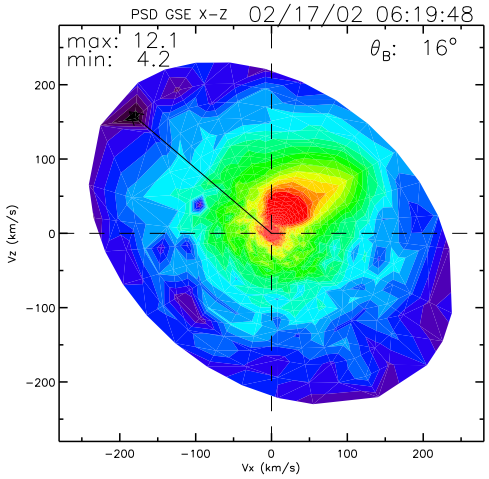
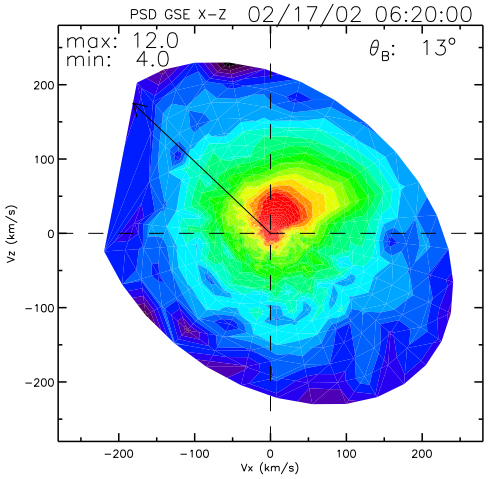
max: 11.9
min: 4.3
θB: 15°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:19:24
max: 12.0
min: 4.5
θB: 16°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:19:36
max: 12.0
min: 4.2
θB: 17°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:19:48
max: 12.1
min: 4.2
θB: 16°
Vz (km/s)
Vx (km/s)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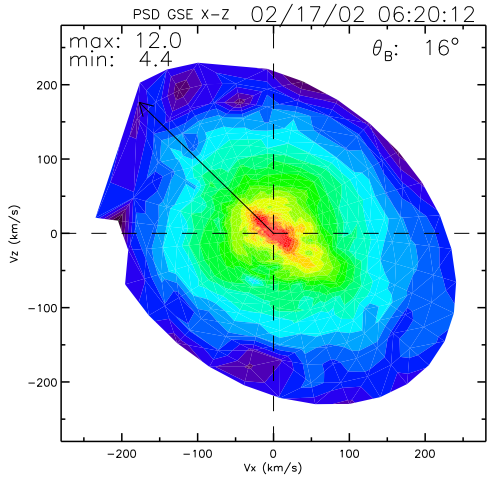
max: 12.0
min: 4.0
θB: 13°
Vz (km/s)
Vx (km/s)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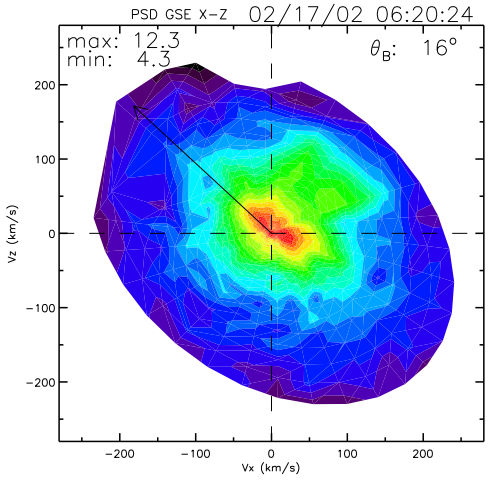
max: 12.0
min: 4.4
θB: 16°
Vz (km/s)
Vx (km/s)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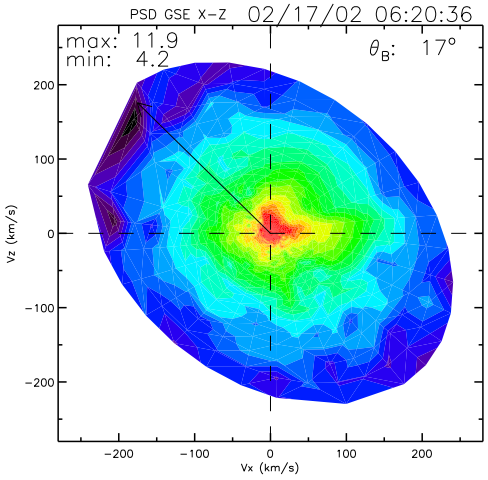
max: 12.3
min: 4.3
θB: 16°
Vz (km/s)
Vx (km/s)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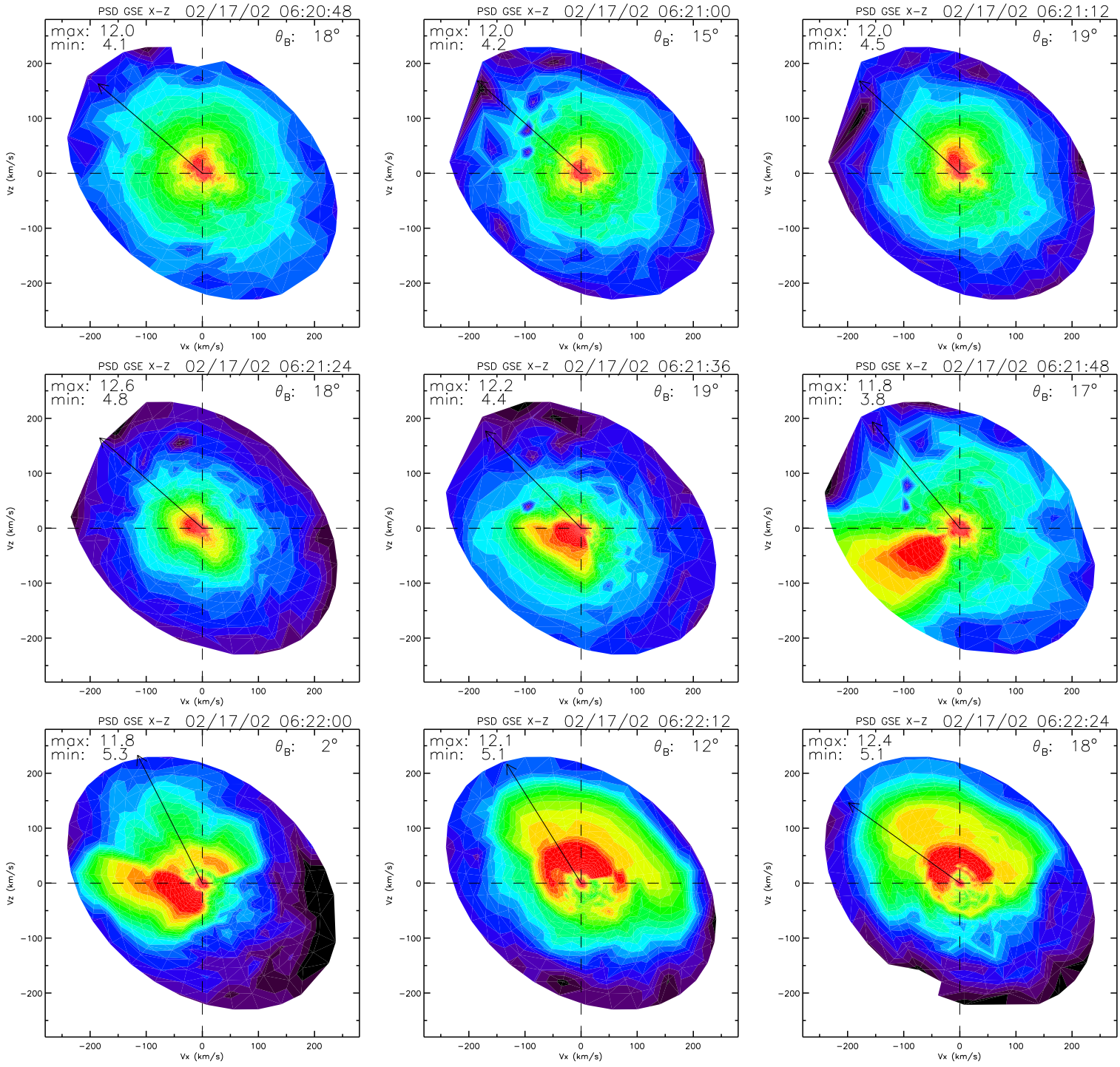
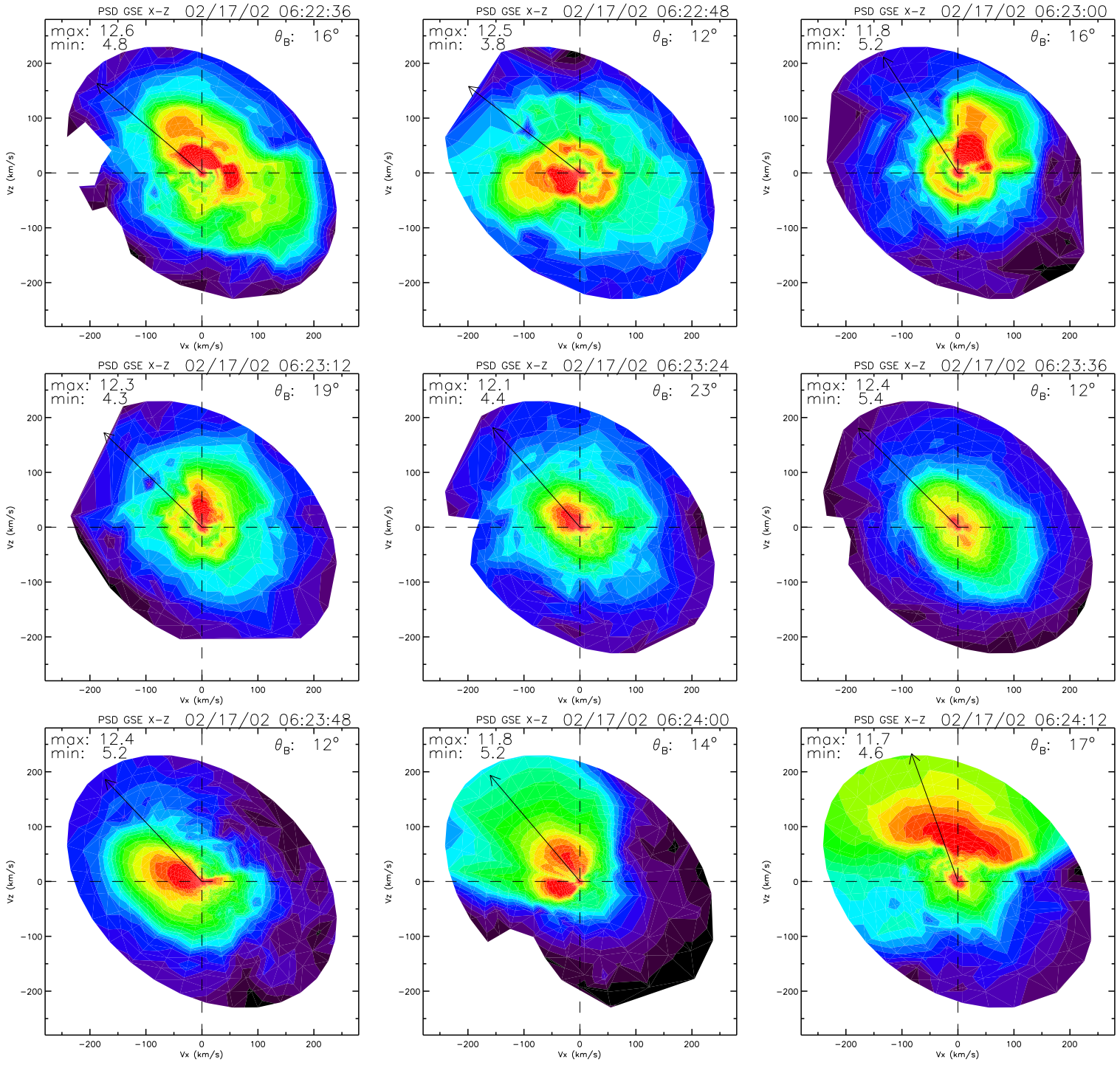
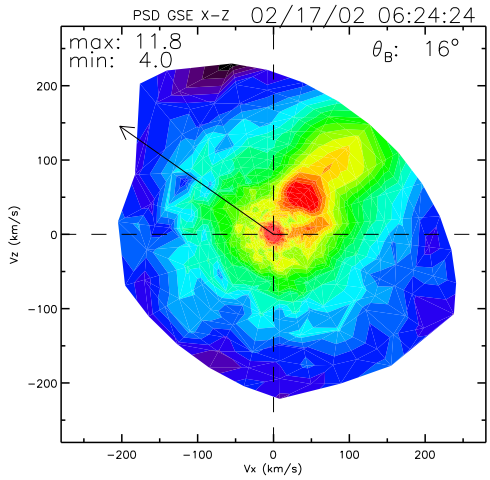
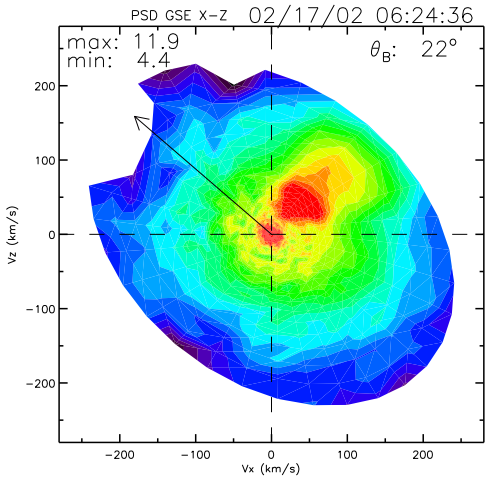
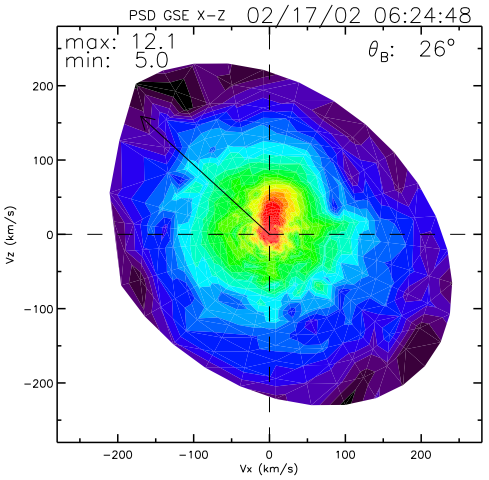
max: 11.9
min: 4.2
θB: 17°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:20:48
max: 12.0
min: 4.1
θB: 18°
PSD GSE X-Z 02/17/02 06:21:00
max: 12.0
min: 4.2
θB: 15°
PSD GSE X-Z 02/17/02 06:21:12
max: 12.0
min: 4.5
θB: 19°
PSD GSE X-Z 02/17/02 06:21:24
max: 12.6
min: 4.8
θB: 18°
PSD GSE X-Z 02/17/02 06:21:36
max: 12.2
min: 4.4
θB: 19°
PSD GSE X-Z 02/17/02 06:21:48
max: 11.8
min: 3.8
θB: 17°
PSD GSE X-Z 02/17/02 06:22:00
max: 11.8
min: 5.3
θB: 2°
PSD GSE X-Z 02/17/02 06:22:12
max: 12.1
min: 5.1
θB: 12°
PSD GSE X-Z 02/17/02 06:22:24
max: 12.4
min: 5.1
θB: 18°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 02/17/02 06:22:36
max: 12.6
min: 4.8
θB: 16°
PSD GSE X-Z 02/17/02 06:22:48
max: 12.5
min: 3.8
θB: 12°
PSD GSE X-Z 02/17/02 06:23:00
max: 11.8
min: 5.2
θB: 16°
PSD GSE X-Z 02/17/02 06:23:12
max: 12.3
min: 4.3
θB: 19°
PSD GSE X-Z 02/17/02 06:23:24
max: 12.1
min: 4.4
θB: 23°
PSD GSE X-Z 02/17/02 06:23:36
max: 12.4
min: 5.4
θB: 12°
PSD GSE X-Z 02/17/02 06:23:48
max: 12.4
min: 5.2
θB: 12°
PSD GSE X-Z 02/17/02 06:24:00
max: 11.8
min: 5.2
θB: 14°
PSD GSE X-Z 02/17/02 06:24:12
max: 11.7
min: 4.6
θB: 17°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 02/17/02 06:24:24
max: 11.8
min: 4.0
θB: 16°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:24:36
max: 11.9
min: 4.4
θB: 22°
Vz (km/s)
Vx (km/s)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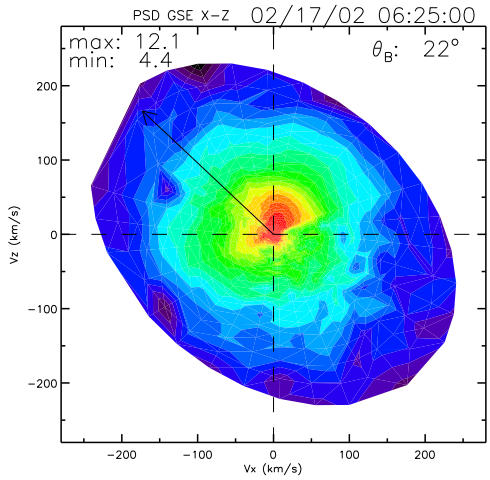
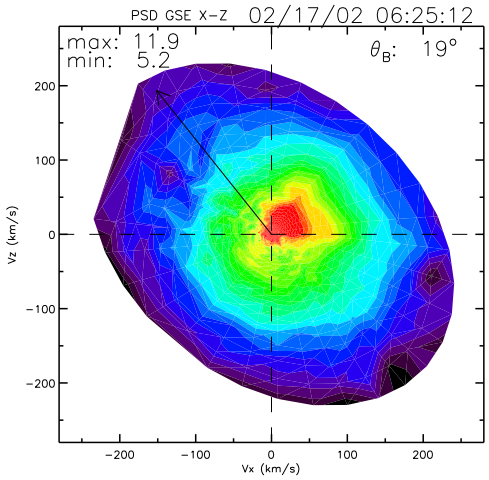
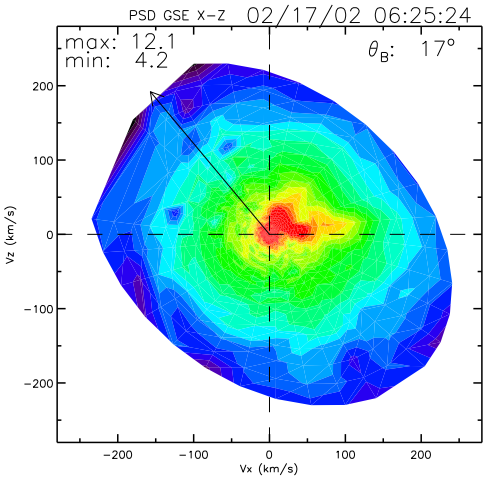
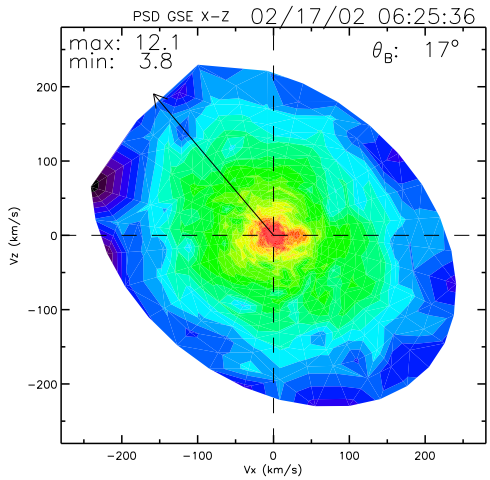
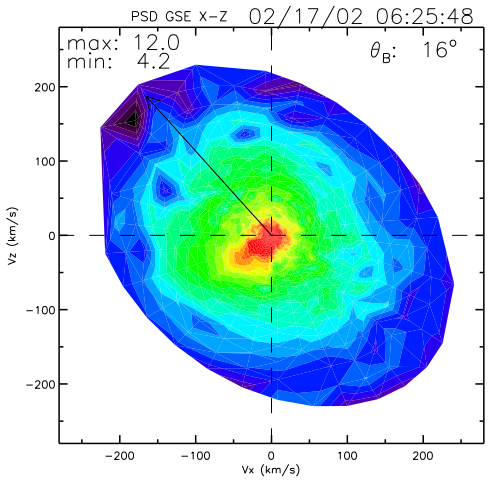
min: 5.0
θB: 26°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:25:00
max: 12.1
min: 4.4
θB: 22°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:25:12
max: 11.9
min: 5.2
θB: 19°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:25:24
max: 12.1
min: 4.2
θB: 17°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:25:36
max: 12.1
min: 3.8
θB: 17°
Vz (km/s)
Vx (km/s)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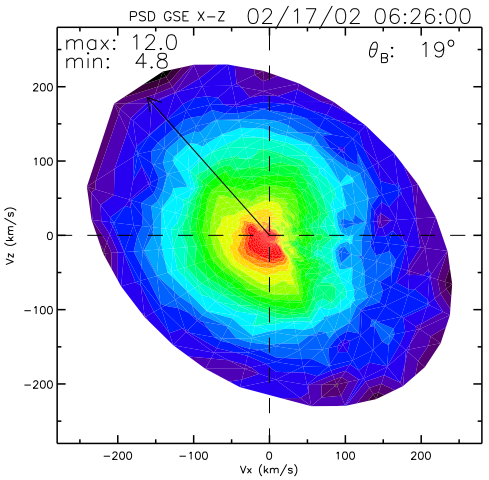
max: 12.0
min: 4.2
θB: 16°
Vz (km/s)
Vx (km/s)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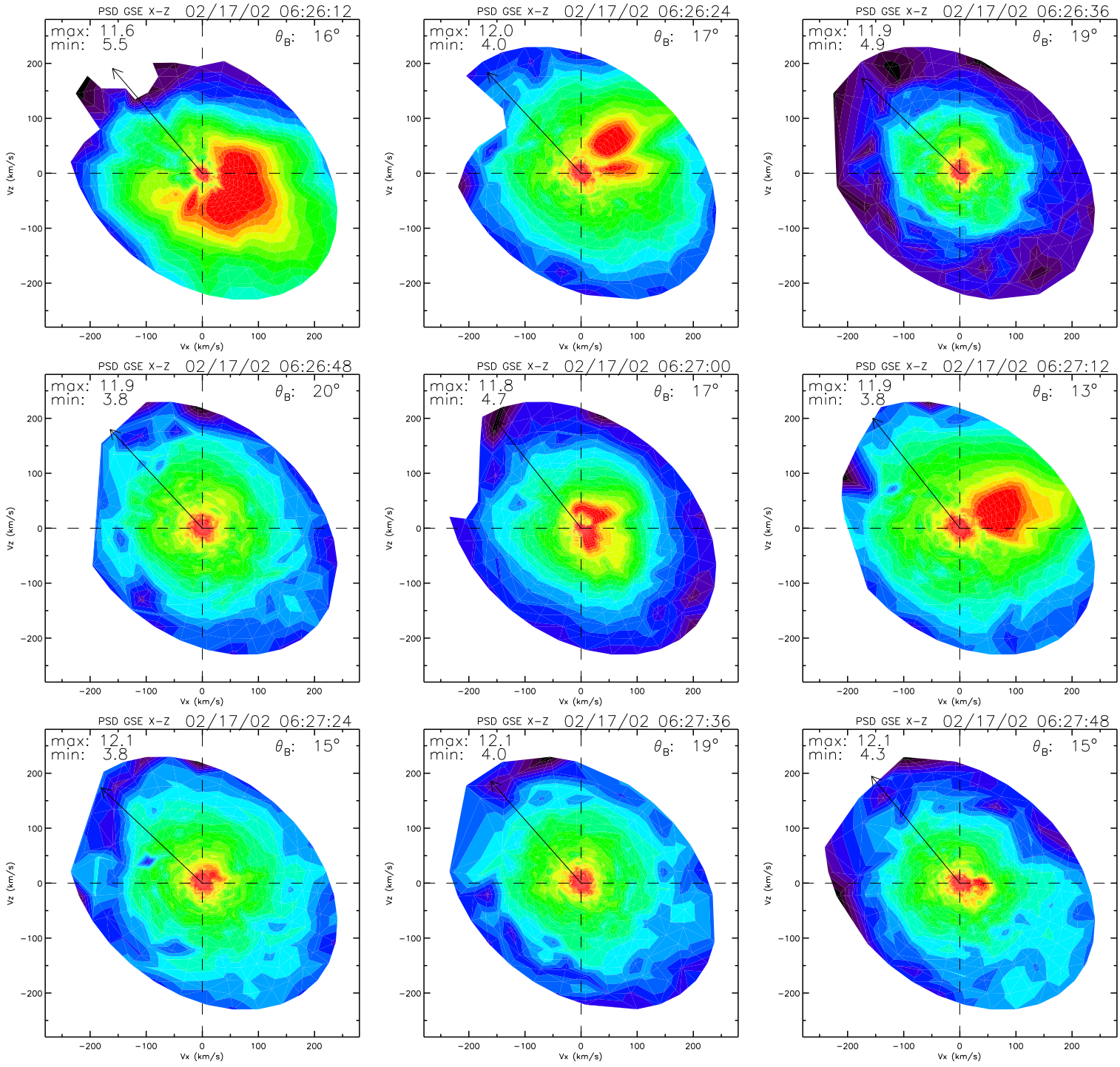
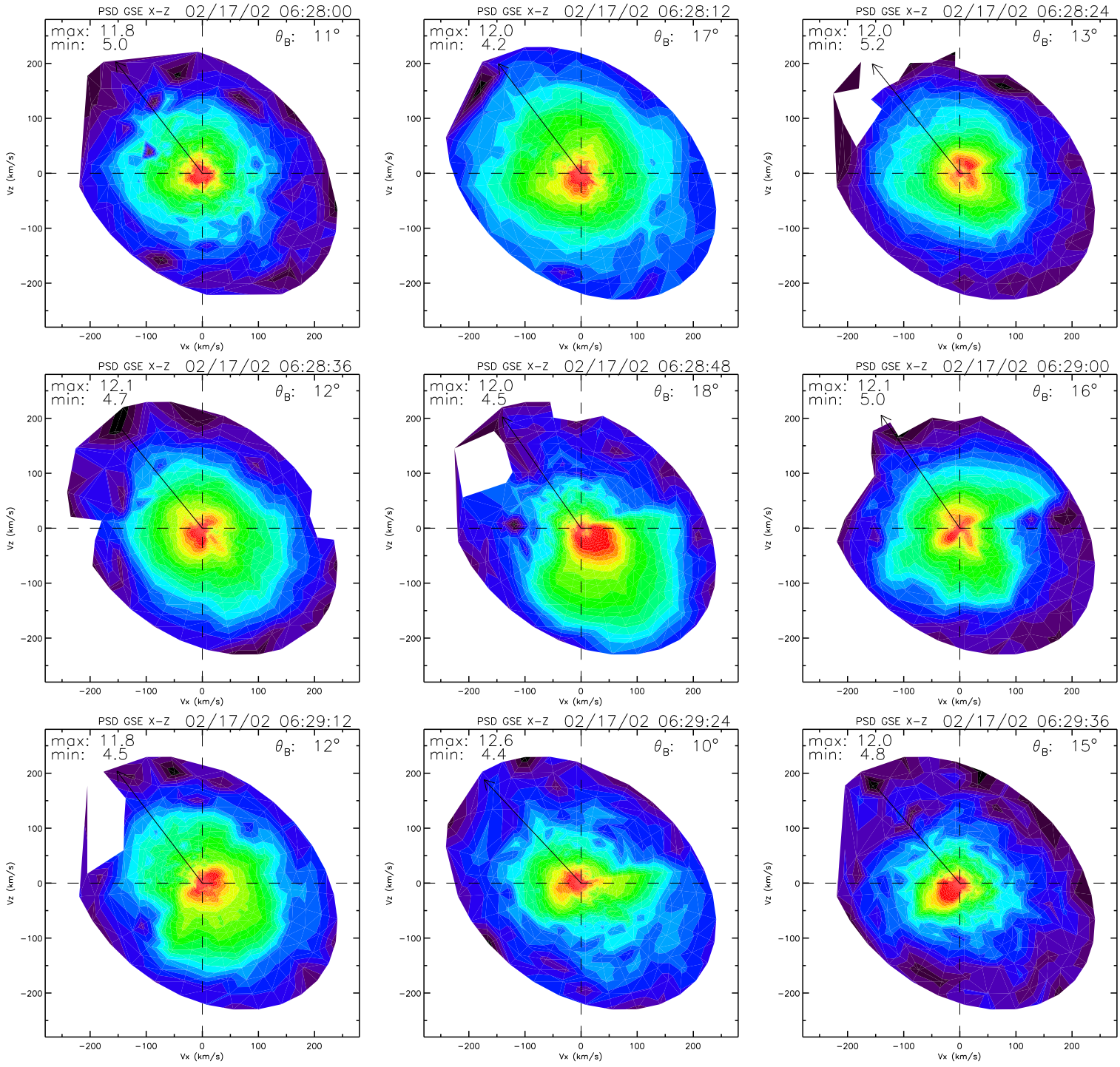
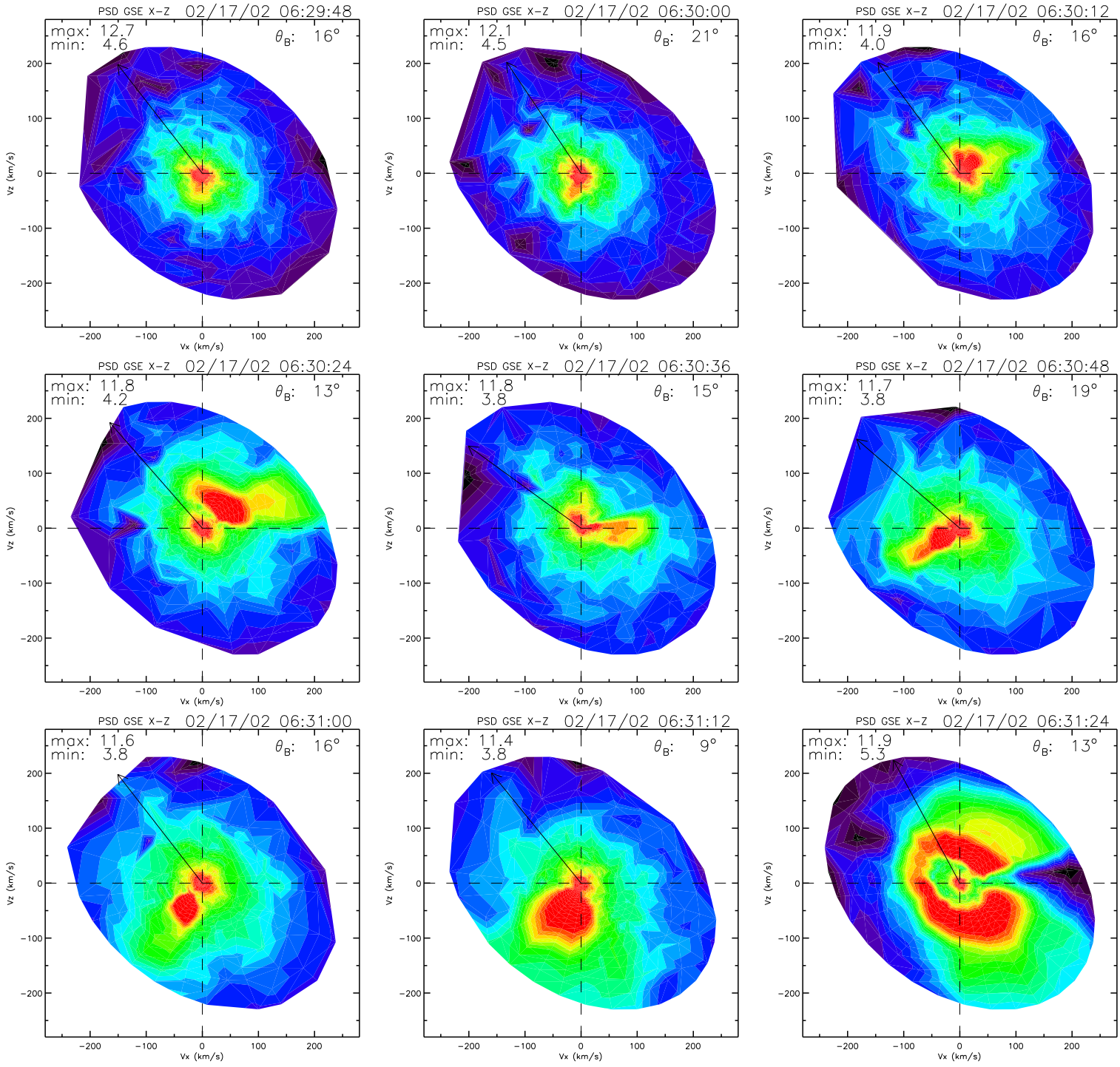
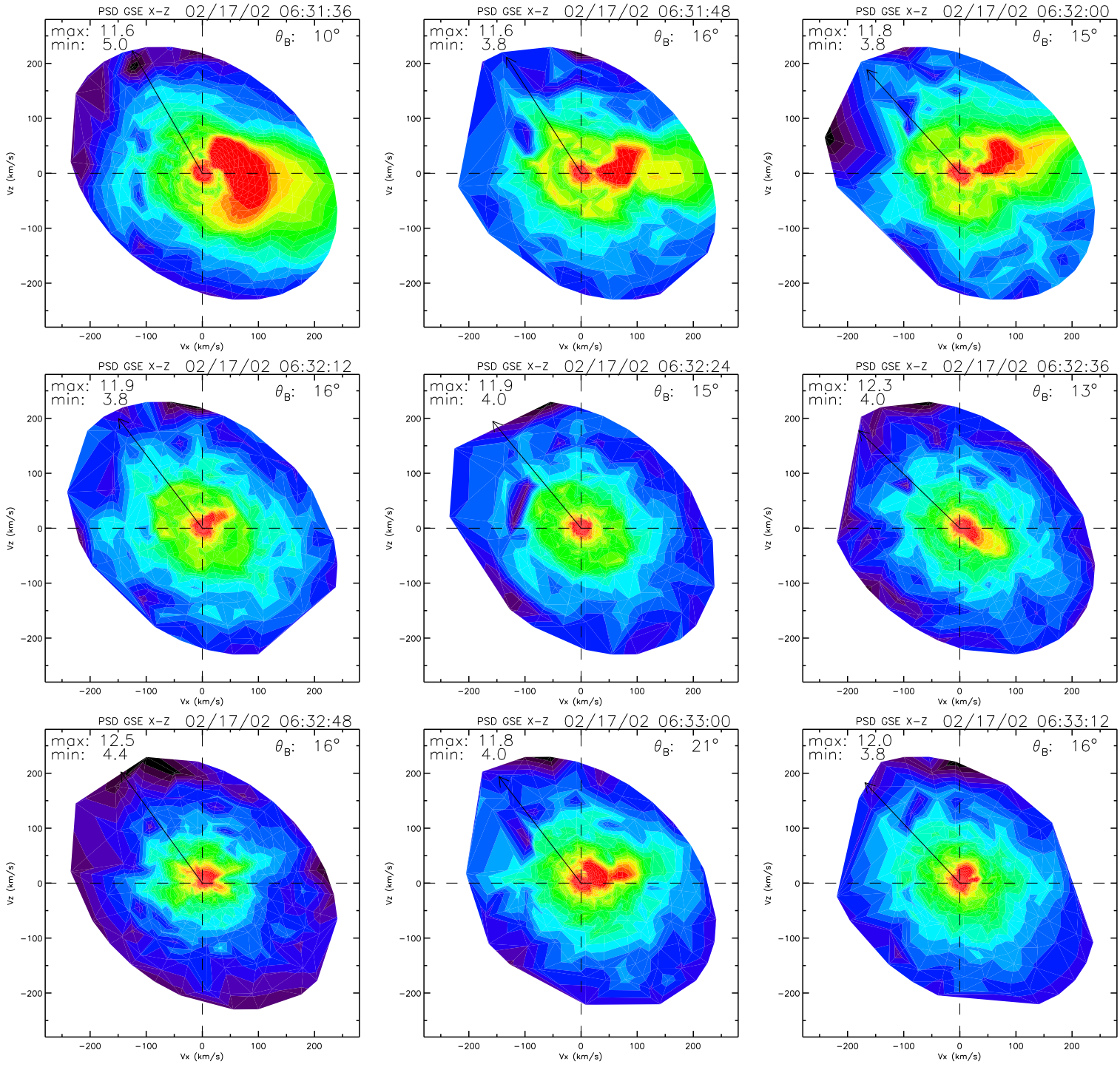
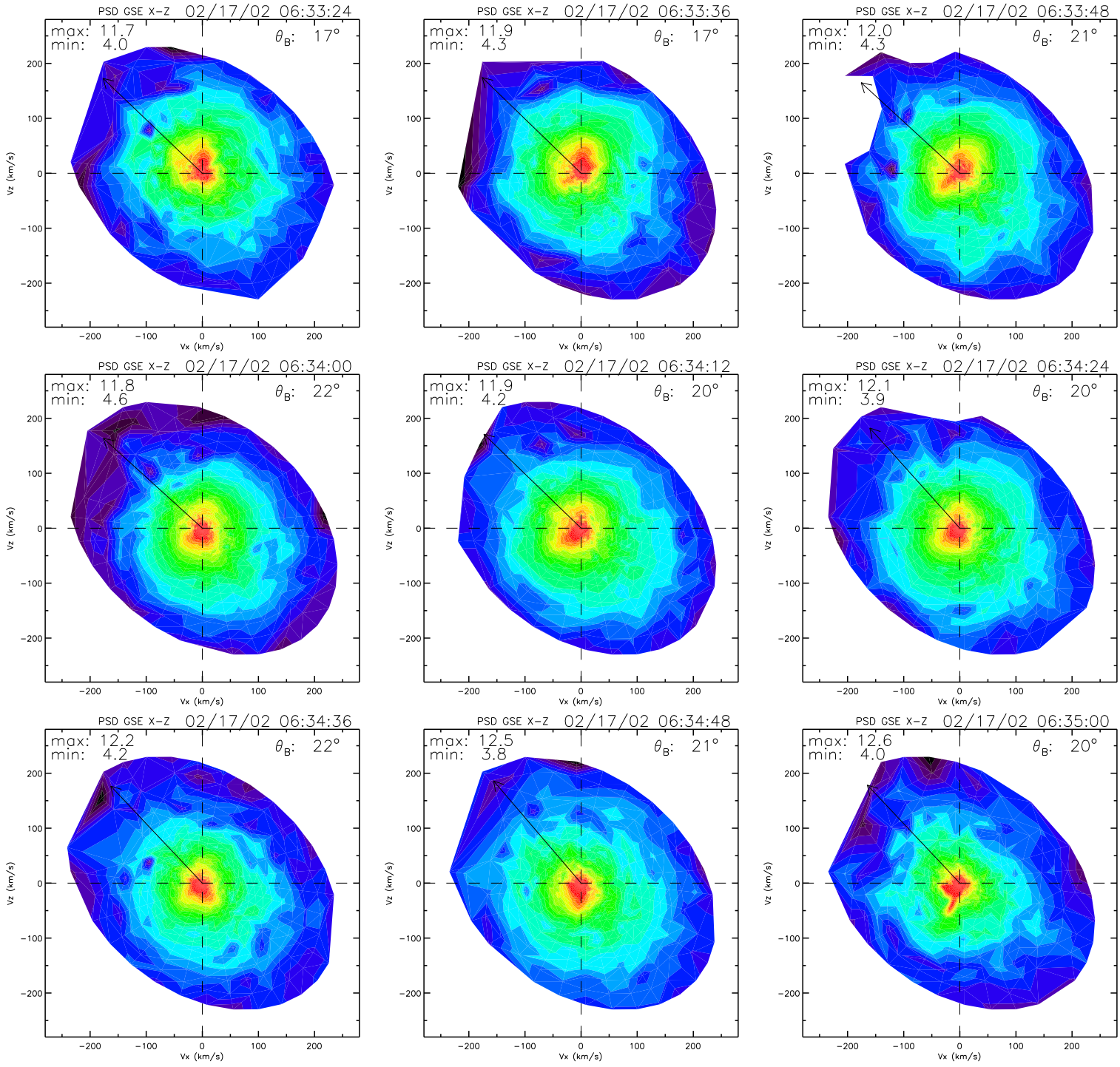
max: 12.0
min: 4.8
θB: 19°
Vz (km/s)
Vx (km/s)

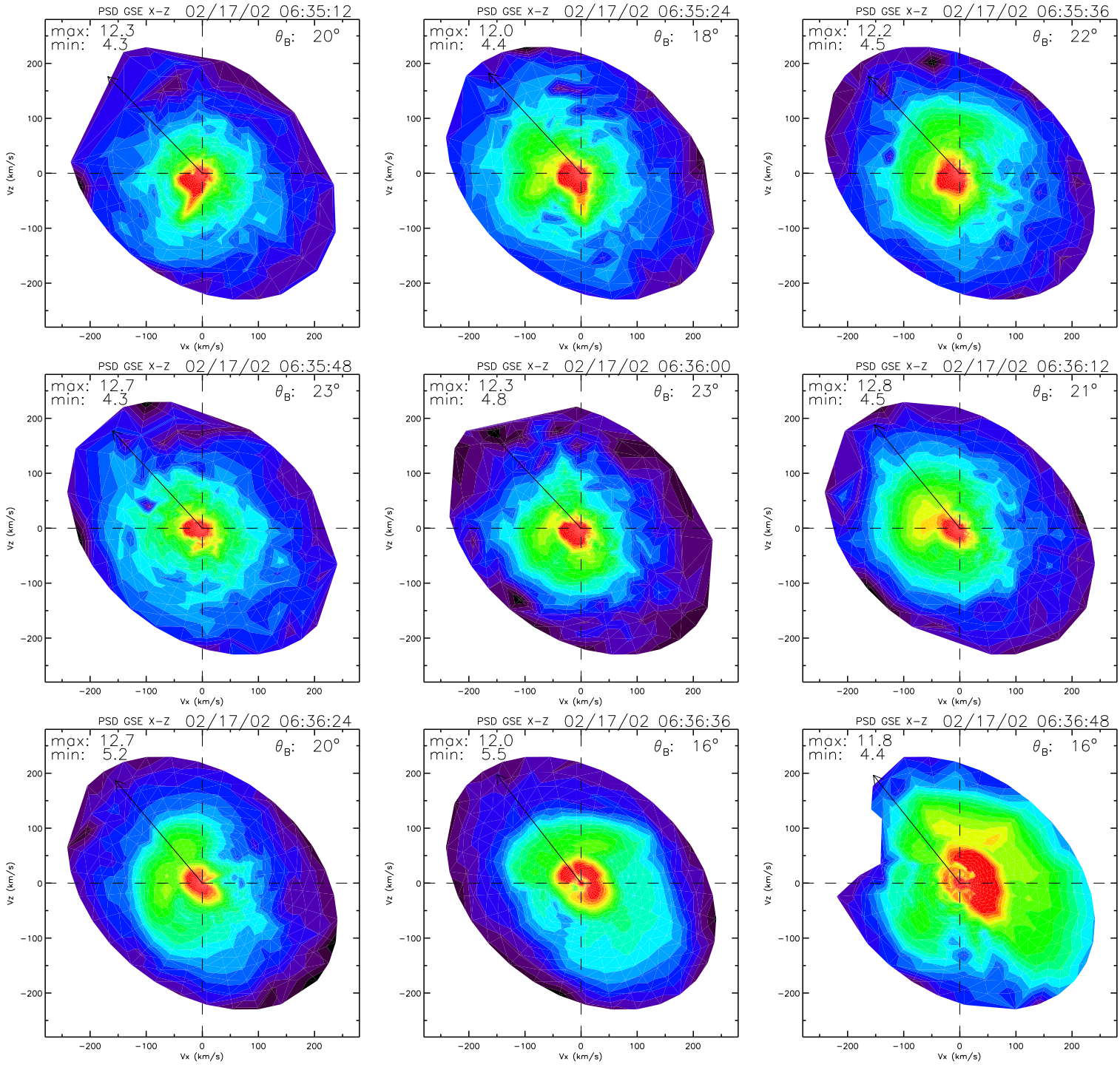

PSD GSE X-Z 02/17/02 06:26:12
max: 11.6
min: 5.5
θB: 16°
PSD GSE X-Z 02/17/02 06:26:24
max: 12.0
min: 4.0
θB: 17°
PSD GSE X-Z 02/17/02 06:26:36
max: 11.9
min: 4.9
θB: 19°
PSD GSE X-Z 02/17/02 06:26:48
max: 11.9
min: 3.8
θB: 20°
PSD GSE X-Z 02/17/02 06:27:00
max: 11.8
min: 4.7
θB: 17°
PSD GSE X-Z 02/17/02 06:27:12
max: 11.9
min: 3.8
θB: 13°
PSD GSE X-Z 02/17/02 06:27:24
max: 12.1
min: 3.8
θB: 15°
PSD GSE X-Z 02/17/02 06:27:36
max: 12.1
min: 4.0
θB: 19°
PSD GSE X-Z 02/17/02 06:27:48
max: 12.1
min: 4.3
θB: 15°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 02/17/02 06:28:00
max: 11.8
min: 5.0
θB: 11°
PSD GSE X-Z 02/17/02 06:28:12
max: 12.0
min: 4.2
θB: 17°
PSD GSE X-Z 02/17/02 06:28:24
max: 12.0
min: 5.2
θB: 13°
PSD GSE X-Z 02/17/02 06:28:36
max: 12.1
min: 4.7
θB: 12°
PSD GSE X-Z 02/17/02 06:28:48
max: 12.0
min: 4.5
θB: 18°
PSD GSE X-Z 02/17/02 06:29:00
max: 12.1
min: 5.0
θB: 16°
PSD GSE X-Z 02/17/02 06:29:12
max: 11.8
min: 4.5
θB: 12°
PSD GSE X-Z 02/17/02 06:29:24
max: 12.6
min: 4.4
θB: 10°
PSD GSE X-Z 02/17/02 06:29:36
max: 12.0
min: 4.8
θB: 15°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 02/17/02 06:29:48
max: 12.7
min: 4.6
θB: 16°
PSD GSE X-Z 02/17/02 06:30:00
max: 12.1
min: 4.5
θB: 21°
PSD GSE X-Z 02/17/02 06:30:12
max: 11.9
min: 4.0
θB: 16°
PSD GSE X-Z 02/17/02 06:30:24
max: 11.8
min: 4.2
θB: 13°
PSD GSE X-Z 02/17/02 06:30:36
max: 11.8
min: 3.8
θB: 15°
PSD GSE X-Z 02/17/02 06:30:48
max: 11.7
min: 3.8
θB: 19°
PSD GSE X-Z 02/17/02 06:31:00
max: 11.6
min: 3.8
θB: 16°
PSD GSE X-Z 02/17/02 06:31:12
max: 11.4
min: 3.8
θB: 9°
PSD GSE X-Z 02/17/02 06:31:24
max: 11.9
min: 5.3
θB: 13°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 02/17/02 06:31:36
max: 11.6
min: 5.0
θB: 10°
PSD GSE X-Z 02/17/02 06:31:48
max: 11.6
min: 3.8
θB: 16°
PSD GSE X-Z 02/17/02 06:32:00
max: 11.8
min: 3.8
θB: 15°
PSD GSE X-Z 02/17/02 06:32:12
max: 11.9
min: 3.8
θB: 16°
PSD GSE X-Z 02/17/02 06:32:24
max: 11.9
min: 4.0
θB: 15°
PSD GSE X-Z 02/17/02 06:32:36
max: 12.3
min: 4.0
θB: 13°
PSD GSE X-Z 02/17/02 06:32:48
max: 12.5
min: 4.4
θB: 16°
PSD GSE X-Z 02/17/02 06:33:00
max: 11.8
min: 4.0
θB: 21°
PSD GSE X-Z 02/17/02 06:33:12
max: 12.0
min: 3.8
θB: 16°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 02/17/02 06:33:24
max: 11.7
min: 4.0
θB: 17°
PSD GSE X-Z 02/17/02 06:33:36
max: 11.9
min: 4.3
θB: 17°
PSD GSE X-Z 02/17/02 06:33:48
max: 12.0
min: 4.3
θB: 21°
PSD GSE X-Z 02/17/02 06:34:00
max: 11.8
min: 4.6
θB: 22°
PSD GSE X-Z 02/17/02 06:34:12
max: 11.9
min: 4.2
θB: 20°
PSD GSE X-Z 02/17/02 06:34:24
max: 12.1
min: 3.9
θB: 20°
PSD GSE X-Z 02/17/02 06:34:36
max: 12.2
min: 4.2
θB: 22°
PSD GSE X-Z 02/17/02 06:34:48
max: 12.5
min: 3.8
θB: 21°
PSD GSE X-Z 02/17/02 06:35:00
max: 12.6
min: 4.0
θB: 20°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200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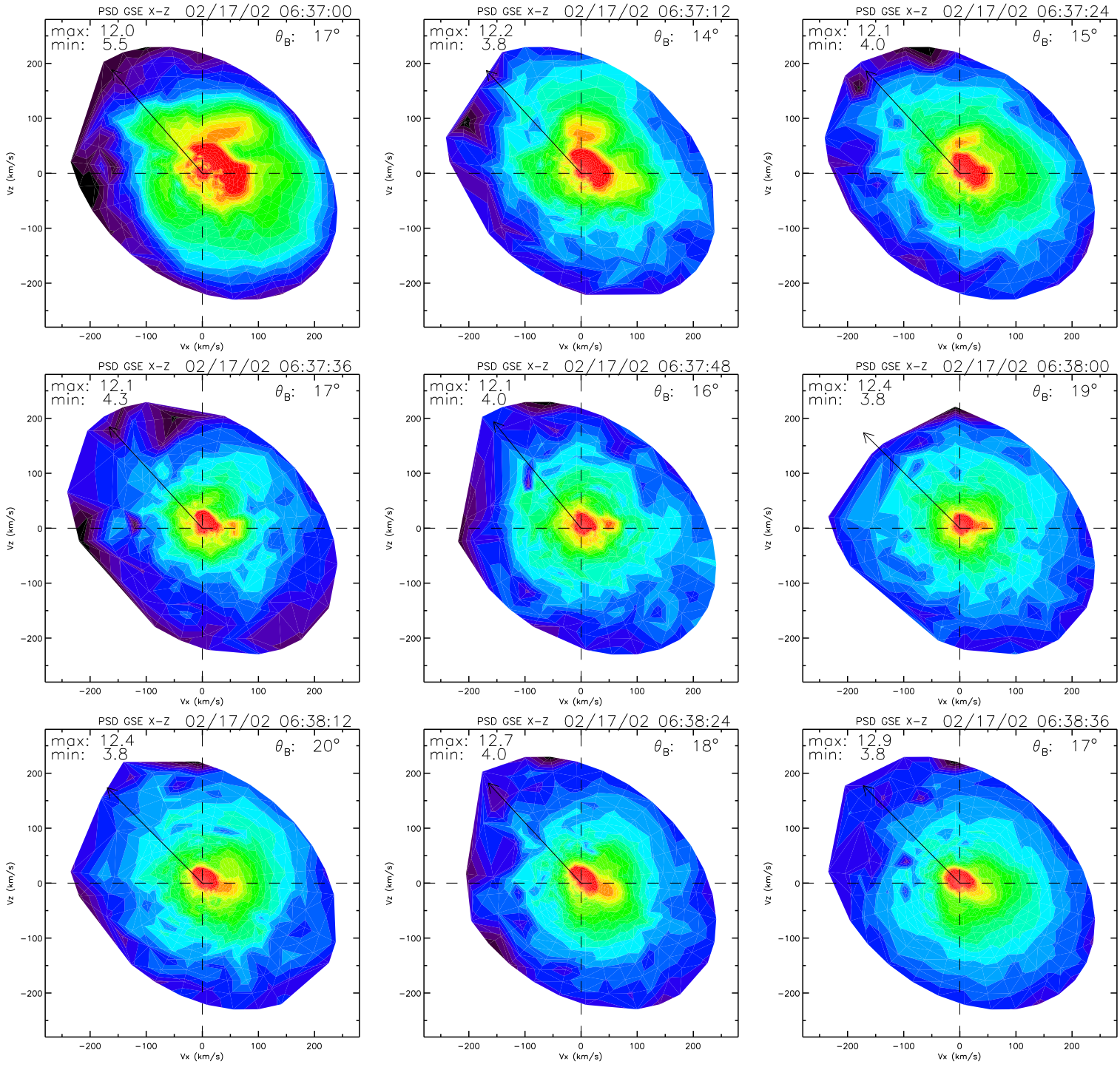
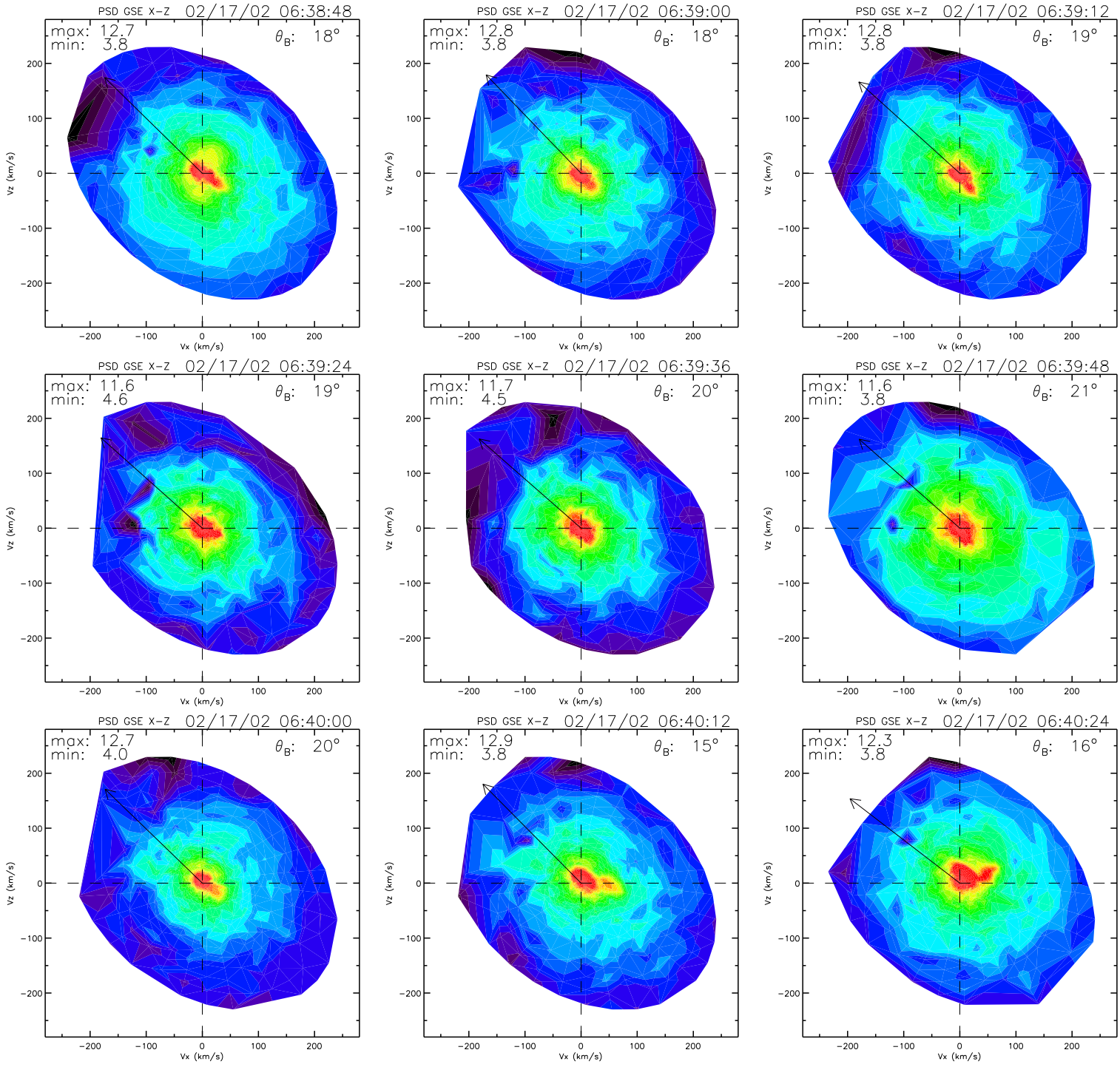
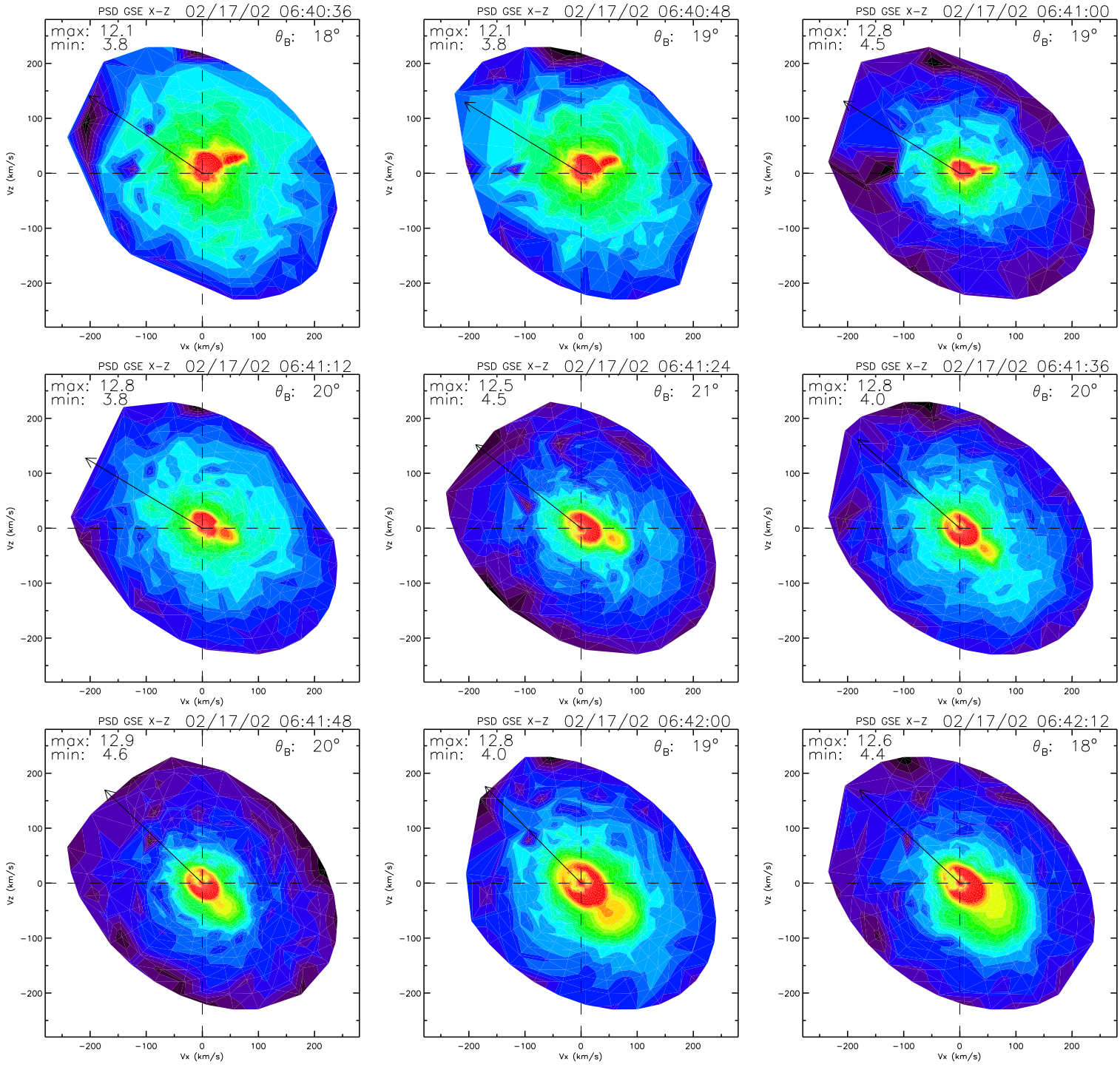
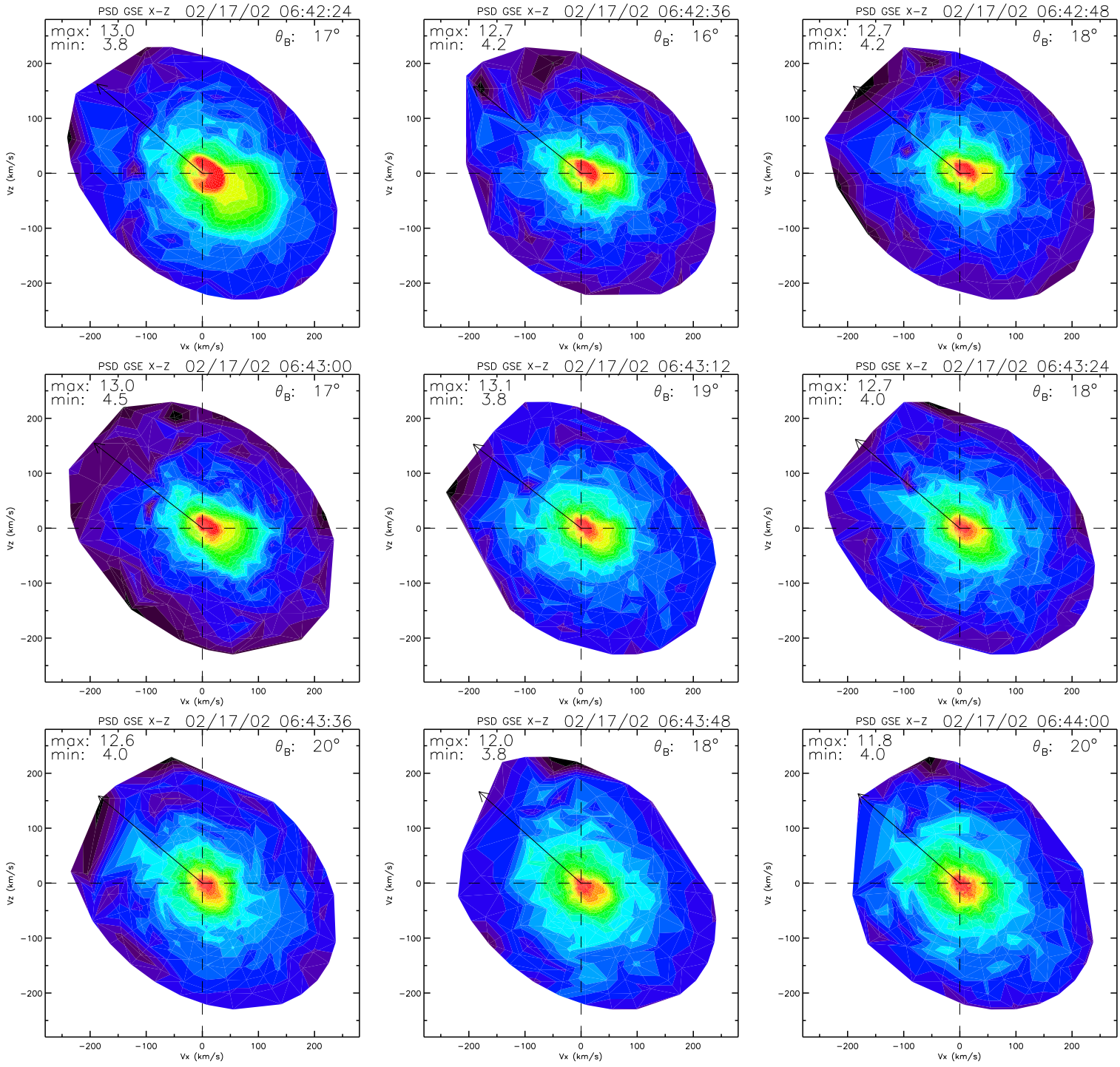
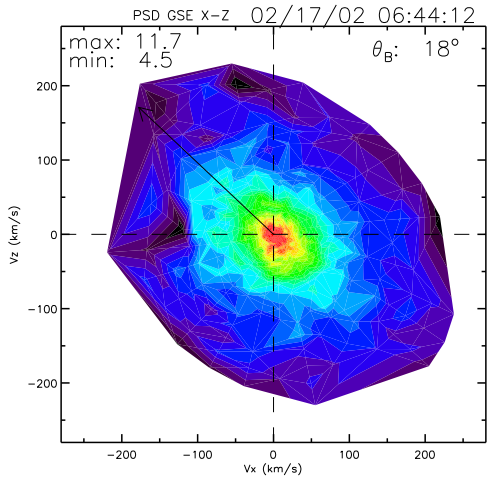
max: 12.3
min: 4.3
θB: 20°
PSD GSE X-Z 02/17/02 06:35:24
max: 12.0
min: 4.4
θB: 18°
PSD GSE X-Z 02/17/02 06:35:36
max: 12.2
min: 4.5
θB: 22°
PSD GSE X-Z 02/17/02 06:35:48
max: 12.7
min: 4.3
θB: 23°
PSD GSE X-Z 02/17/02 06:36:00
max: 12.3
min: 4.8
θB: 23°
PSD GSE X-Z 02/17/02 06:36:12
max: 12.8
min: 4.5
θB: 21°
PSD GSE X-Z 02/17/02 06:36:24
max: 12.7
min: 5.2
θB: 20°
PSD GSE X-Z 02/17/02 06:36:36
max: 12.0
min: 5.5
θB: 16°
PSD GSE X-Z 02/17/02 06:36:48
max: 11.8
min: 4.4
θB: 16°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

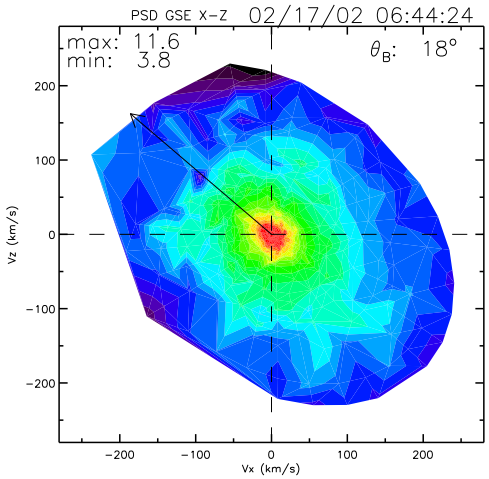

PSD GSE X-Z 02/17/02 06:37:00
max: 12.0
min: 5.5
θB: 17°
PSD GSE X-Z 02/17/02 06:37:12
max: 12.2
min: 3.8
θB: 14°
PSD GSE X-Z 02/17/02 06:37:24
max: 12.1
min: 4.0
θB: 15°
PSD GSE X-Z 02/17/02 06:37:36
max: 12.1
min: 4.3
θB: 17°
PSD GSE X-Z 02/17/02 06:37:48
max: 12.1
min: 4.0
θB: 16°
PSD GSE X-Z 02/17/02 06:38:00
max: 12.4
min: 3.8
θB: 19°
PSD GSE X-Z 02/17/02 06:38:12
max: 12.4
min: 3.8
θB: 20°
PSD GSE X-Z 02/17/02 06:38:24
max: 12.7
min: 4.0
θB: 18°
PSD GSE X-Z 02/17/02 06:38:36
max: 12.9
min: 3.8
θB: 17°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

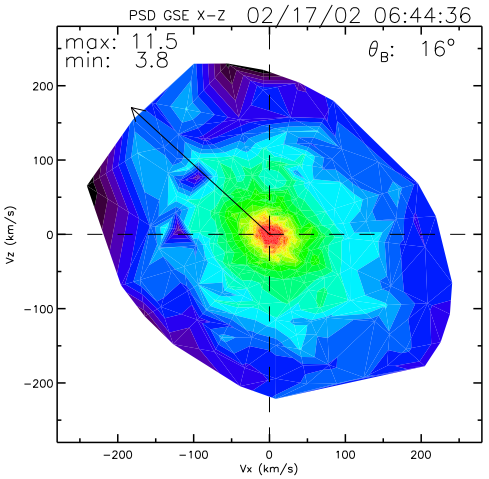

PSD GSE X-Z 02/17/02 06:38:48
max: 12.7
min: 3.8
θB: 18°
PSD GSE X-Z 02/17/02 06:39:00
max: 12.8
min: 3.8
θB: 18°
PSD GSE X-Z 02/17/02 06:39:12
max: 12.8
min: 3.8
θB: 19°
PSD GSE X-Z 02/17/02 06:39:24
max: 11.6
min: 4.6
θB: 19°
PSD GSE X-Z 02/17/02 06:39:36
max: 11.7
min: 4.5
θB: 20°
PSD GSE X-Z 02/17/02 06:39:48
max: 11.6
min: 3.8
θB: 21°
PSD GSE X-Z 02/17/02 06:40:00
max: 12.7
min: 4.0
θB: 20°
PSD GSE X-Z 02/17/02 06:40:12
max: 12.9
min: 3.8
θB: 15°
PSD GSE X-Z 02/17/02 06:40:24
max: 12.3
min: 3.8
θB: 16°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

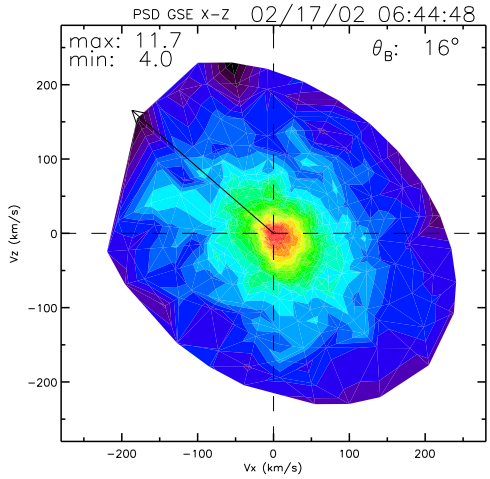

PSD GSE X-Z 02/17/02 06:40:36
max: 12.1
min: 3.8
θB: 18°
PSD GSE X-Z 02/17/02 06:40:48
max: 12.1
min: 3.8
θB: 19°
PSD GSE X-Z 02/17/02 06:41:00
max: 12.8
min: 4.5
θB: 19°
PSD GSE X-Z 02/17/02 06:41:12
max: 12.8
min: 3.8
θB: 20°
PSD GSE X-Z 02/17/02 06:41:24
max: 12.5
min: 4.5
θB: 21°
PSD GSE X-Z 02/17/02 06:41:36
max: 12.8
min: 4.0
θB: 20°
PSD GSE X-Z 02/17/02 06:41:48
max: 12.9
min: 4.6
θB: 20°
PSD GSE X-Z 02/17/02 06:42:00
max: 12.8
min: 4.0
θB: 19°
PSD GSE X-Z 02/17/02 06:42:12
max: 12.6
min: 4.4
θB: 18°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

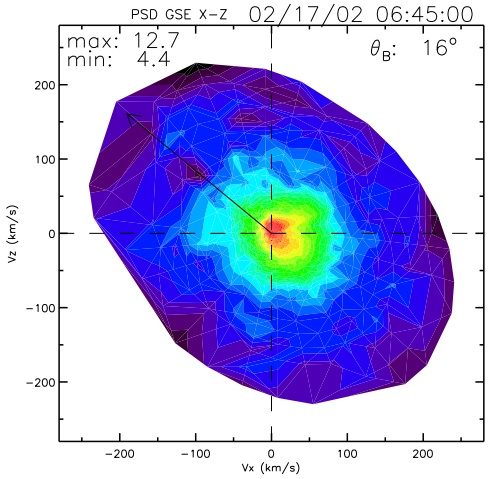

PSD GSE X-Z 02/17/02 06:42:24
max: 13.0
min: 3.8
θB: 17°
PSD GSE X-Z 02/17/02 06:42:36
max: 12.7
min: 4.2
θB: 16°
PSD GSE X-Z 02/17/02 06:42:48
max: 12.7
min: 4.2
θB: 18°
PSD GSE X-Z 02/17/02 06:43:00
max: 13.0
min: 4.5
θB: 17°
PSD GSE X-Z 02/17/02 06:43:12
max: 13.1
min: 3.8
θB: 19°
PSD GSE X-Z 02/17/02 06:43:24
max: 12.7
min: 4.0
θB: 18°
PSD GSE X-Z 02/17/02 06:43:36
max: 12.6
min: 4.0
θB: 20°
PSD GSE X-Z 02/17/02 06:43:48
max: 12.0
min: 3.8
θB: 18°
PSD GSE X-Z 02/17/02 06:44:00
max: 11.8
min: 4.0
θB: 20°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

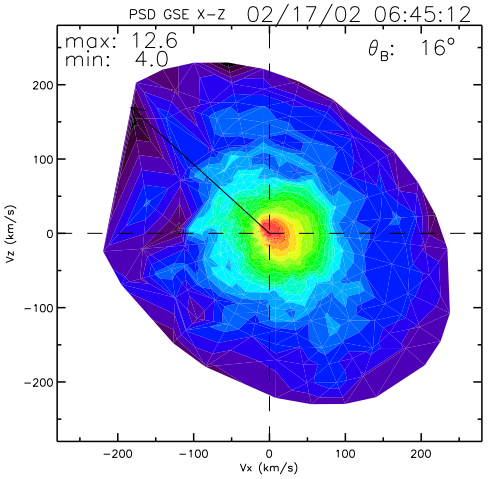

PSD GSE X-Z 02/17/02 06:44:12
max: 11.7
min: 4.5
θB: 18°
Vz (km/s)
Vx (km/s)

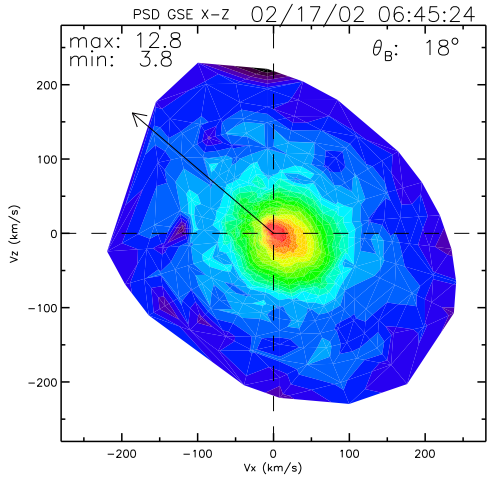

PSD GSE X-Z 02/17/02 06:44:24
max: 11.6
min: 3.8
θB: 18°
Vz (km/s)
Vx (km/s)

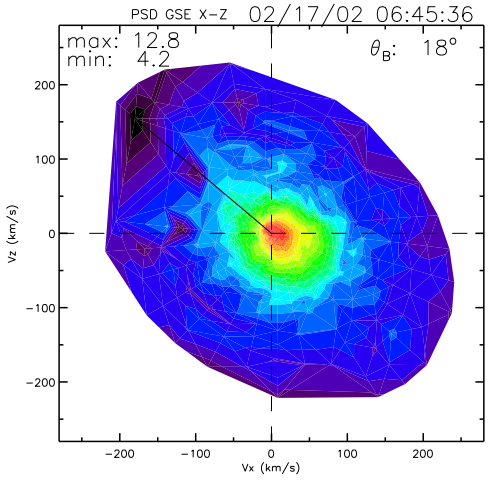

PSD GSE X-Z 02/17/02 06:44:36
max: 11.5
min: 3.8
θB: 16°
Vz (km/s)
Vx (km/s)

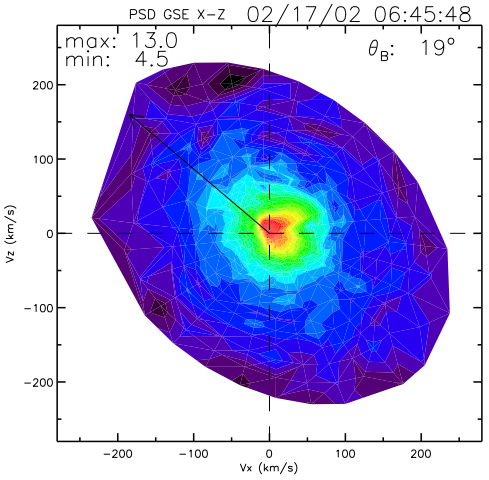

PSD GSE X-Z 02/17/02 06:44:48
max: 11.7
min: 4.0
θB: 16°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:45:00
max: 12.7
min: 4.4
θB: 16°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:45:12
max: 12.6
min: 4.0
θB: 16°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:45:24
max: 12.8
min: 3.8
θB: 18°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:45:36
max: 12.8
min: 4.2
θB: 18°
Vz (km/s)
Vx (km/s)


PSD GSE X-Z 02/17/02 06:45:48
max: 13.0
min: 4.5
θB: 19°
Vz (km/s)
Vx (km/s)