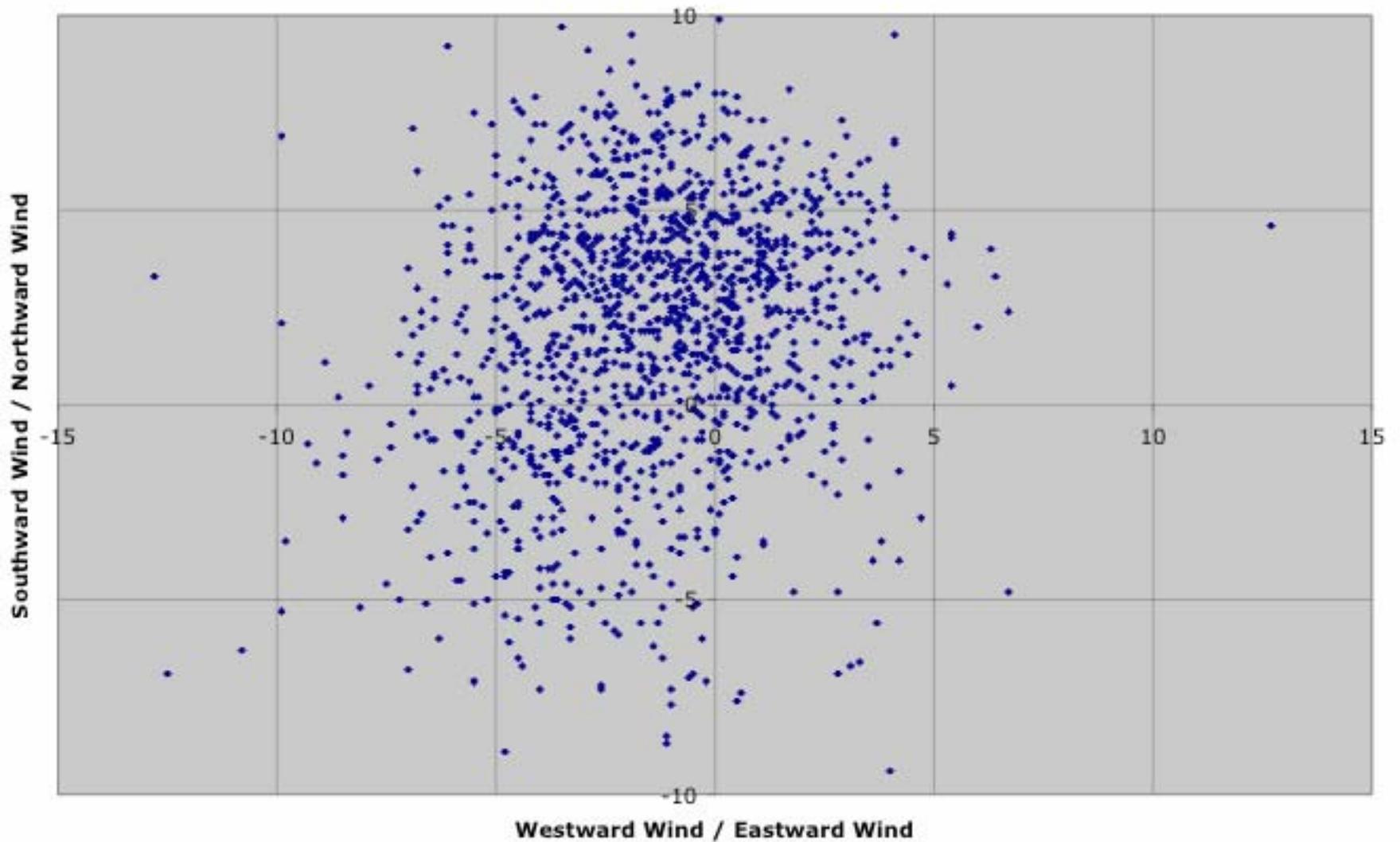


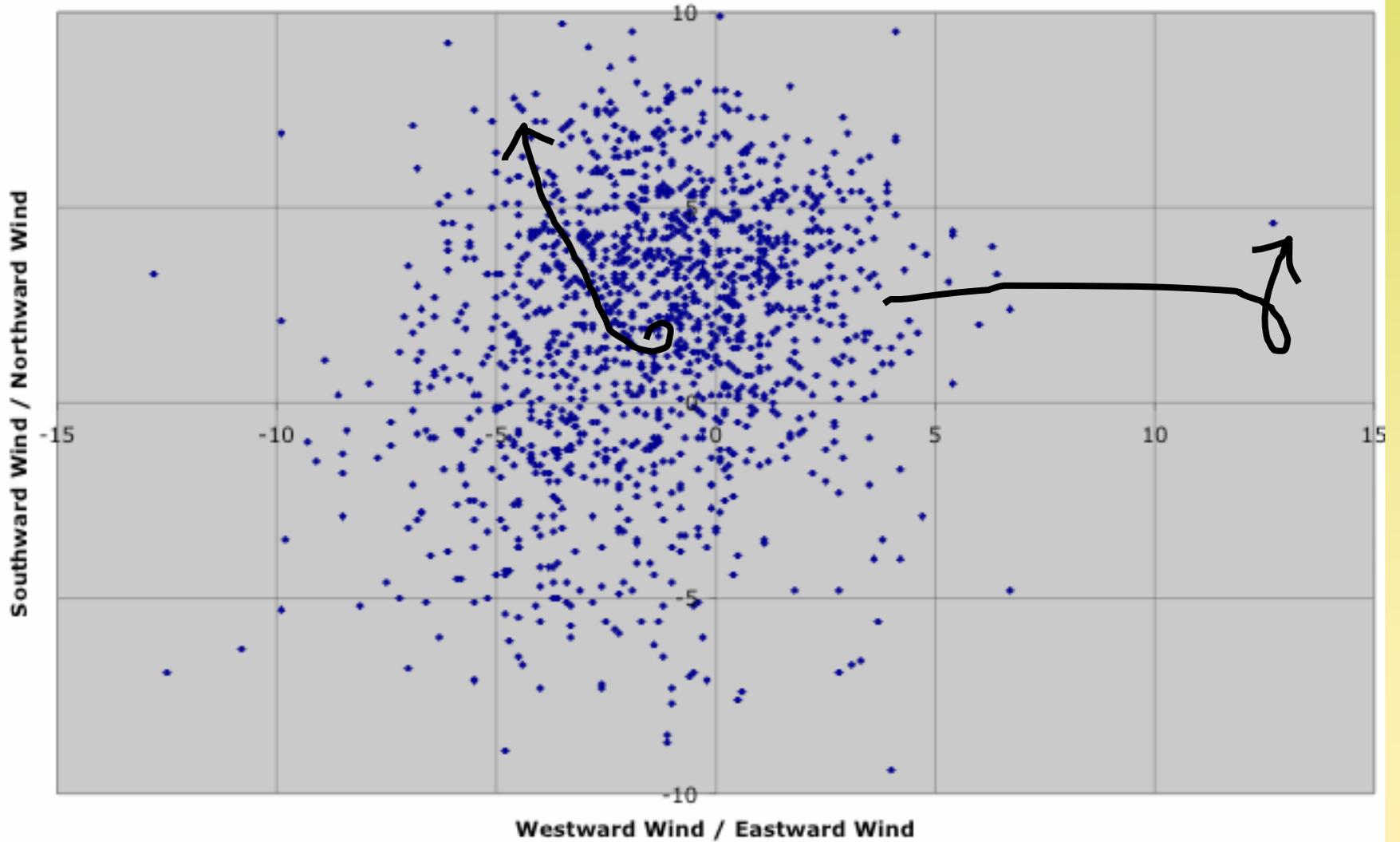
The Representativeness of Ozone Meteorology during TexAQS-II

John W. Nielsen-Gammon
Texas A&M University

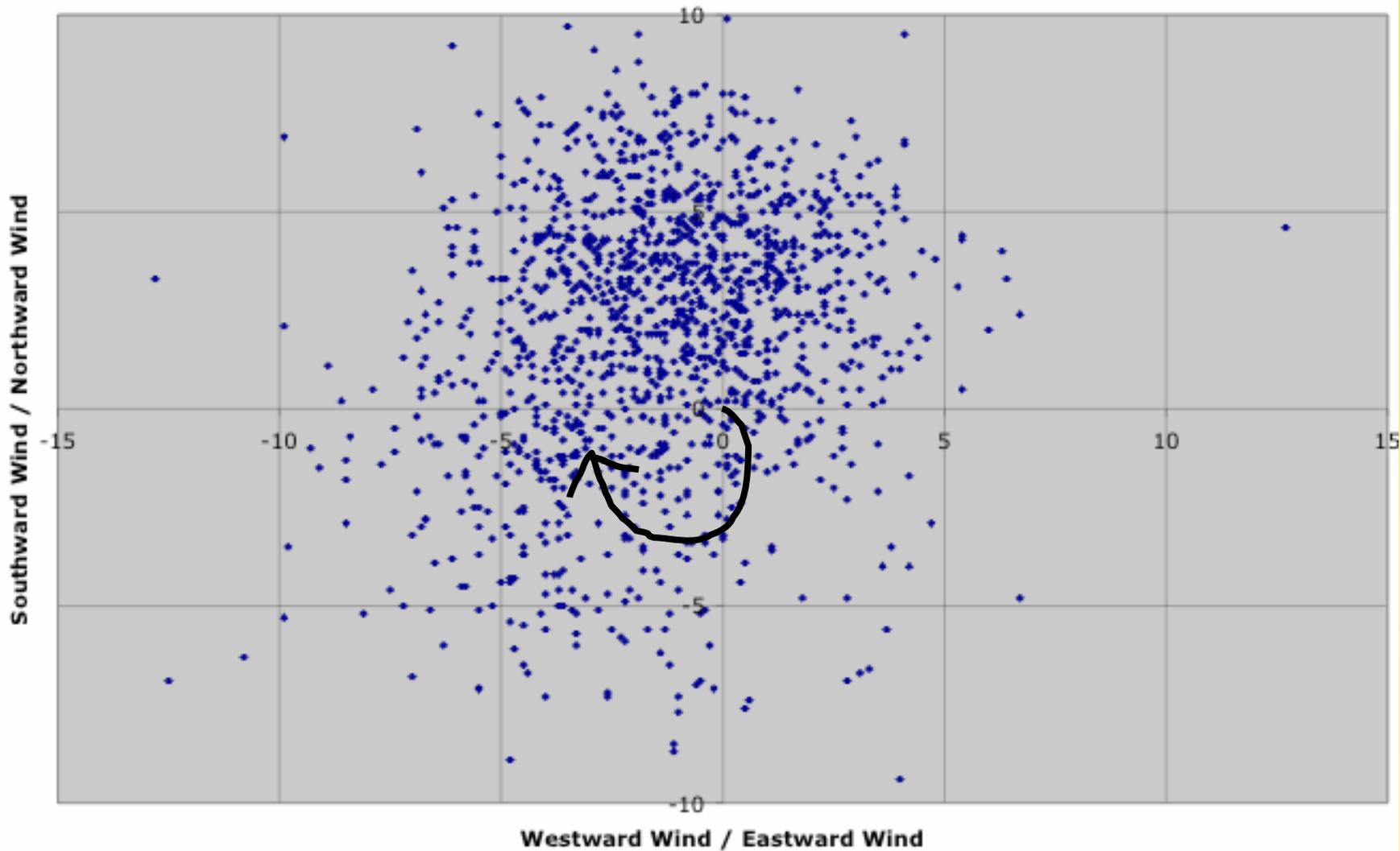
Buoy Winds, May-Oct 1998-2006



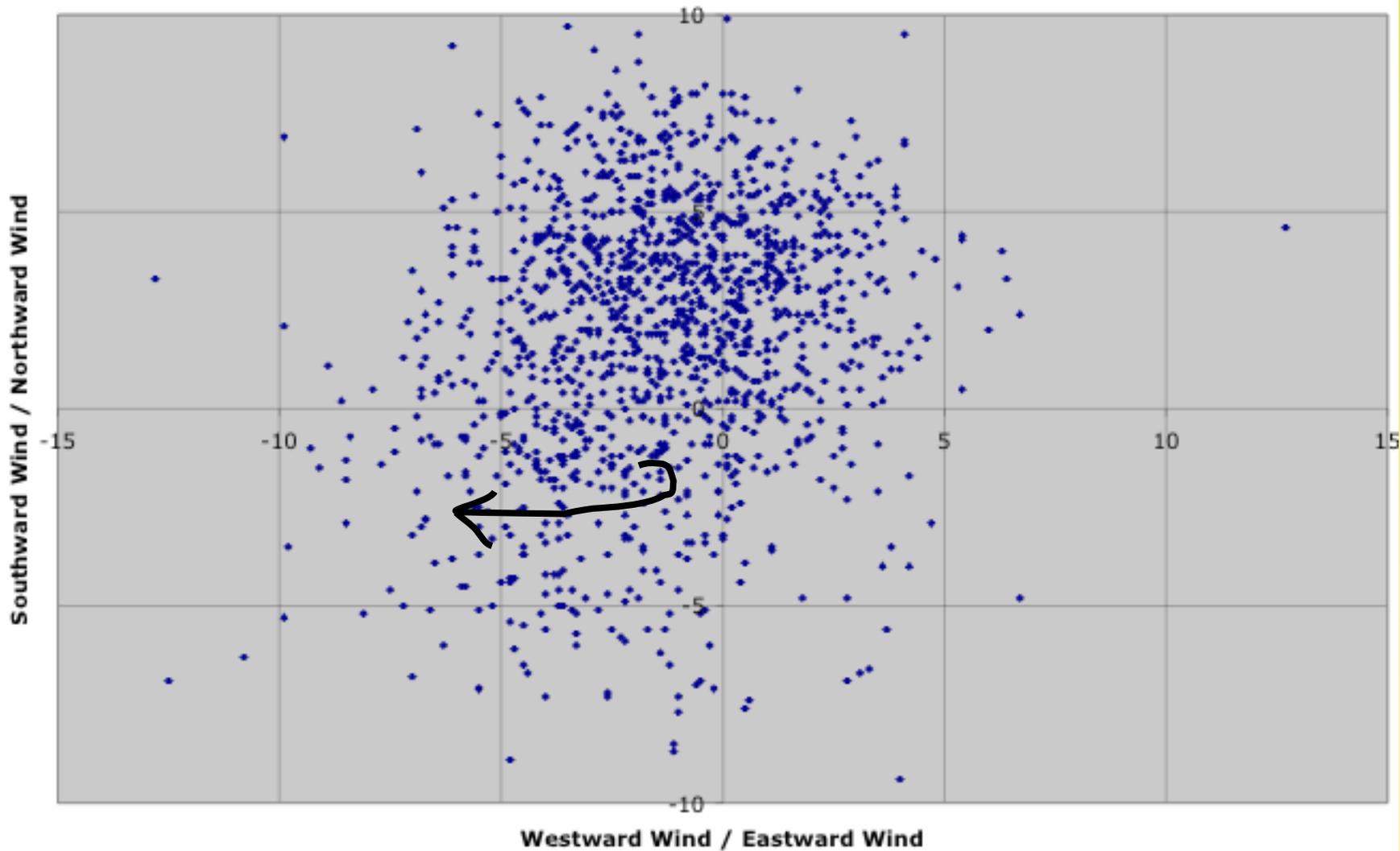
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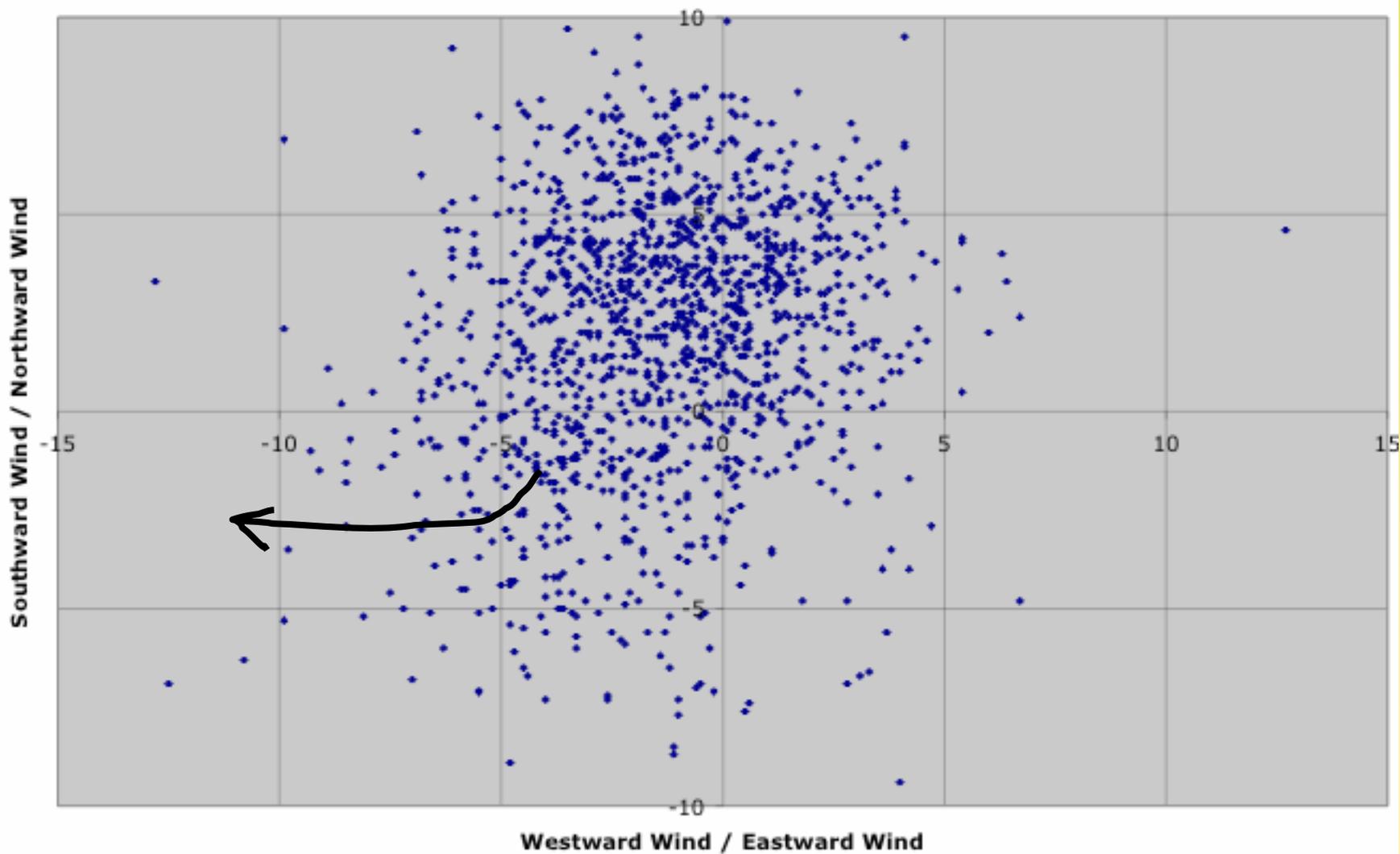
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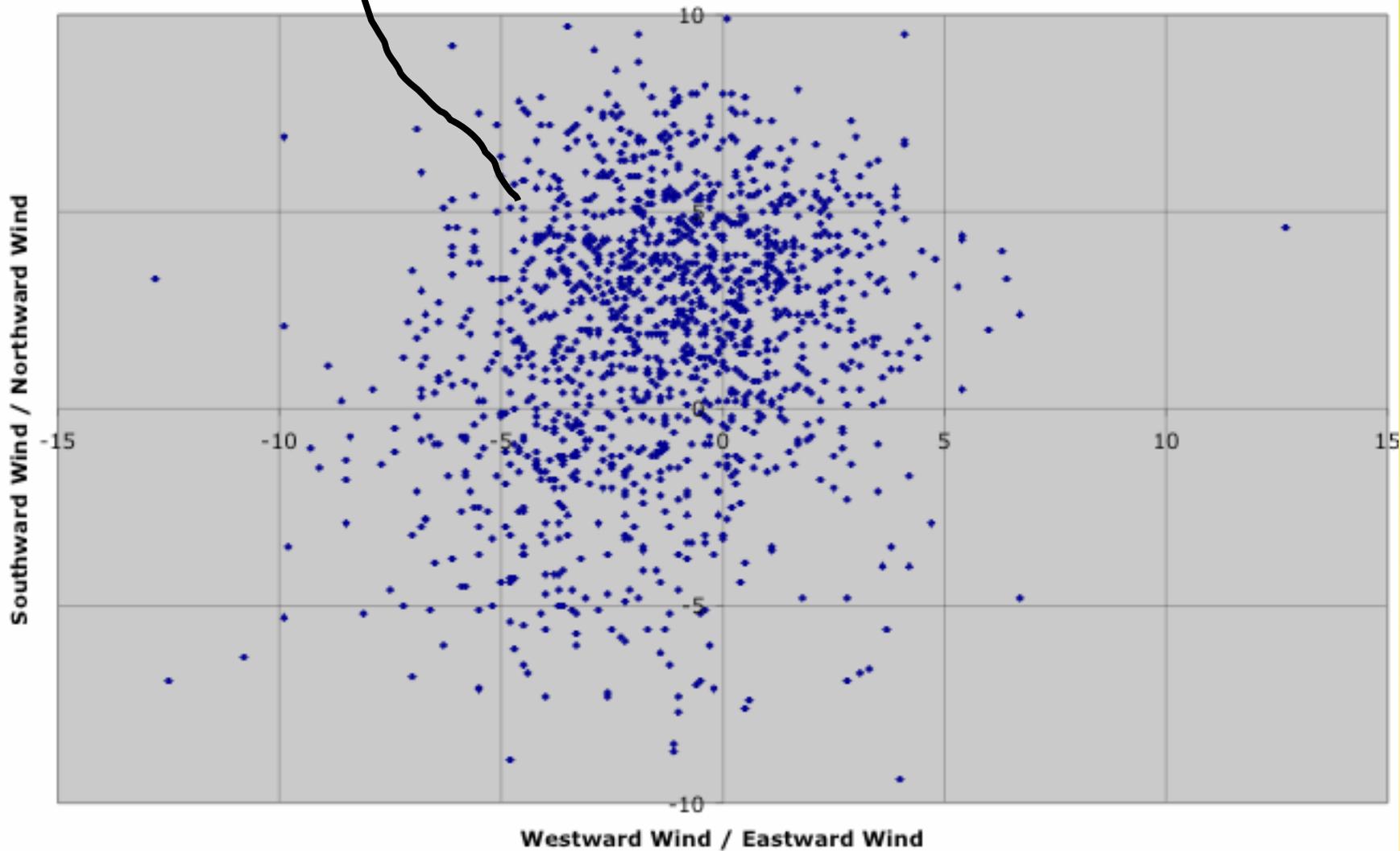
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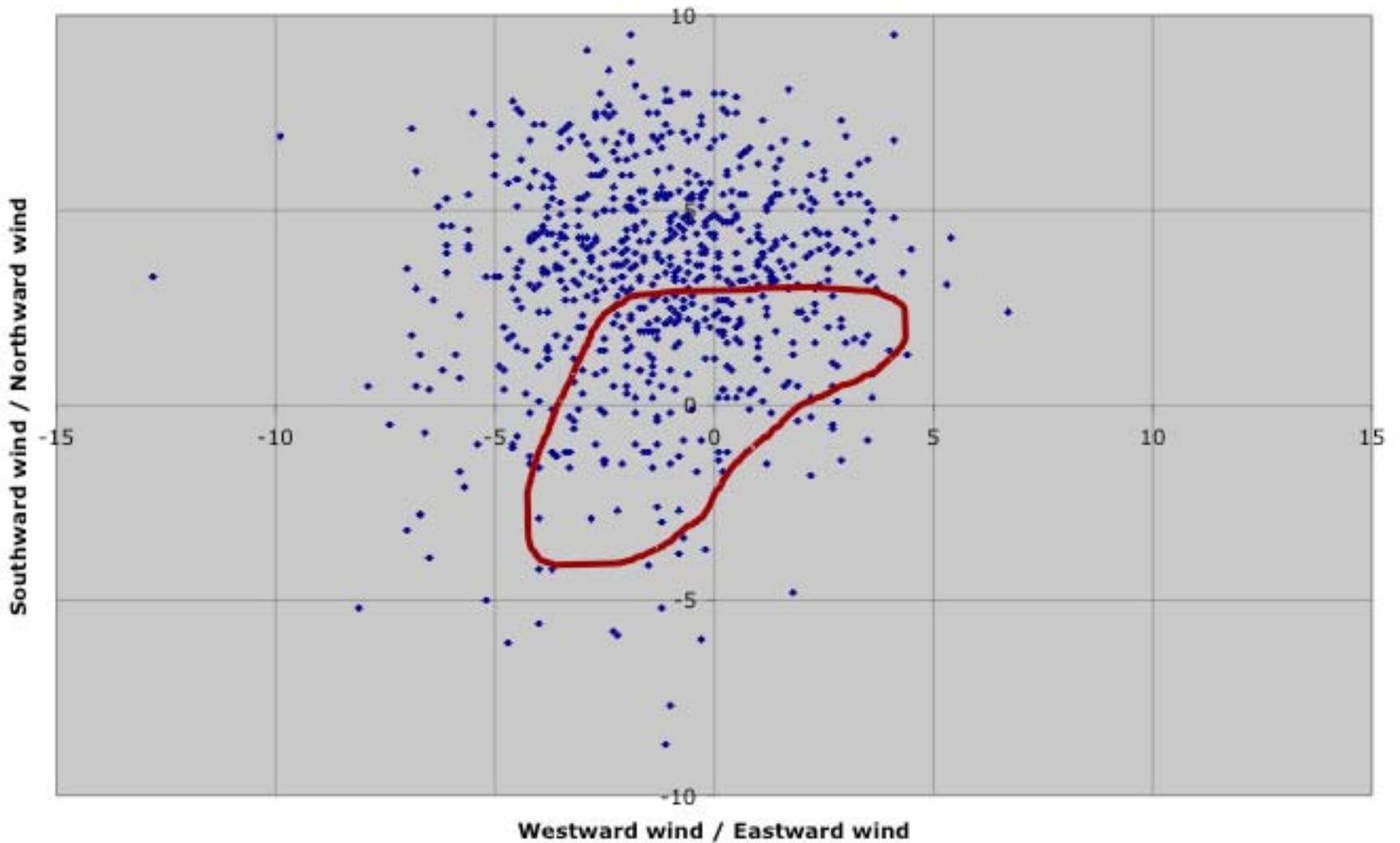
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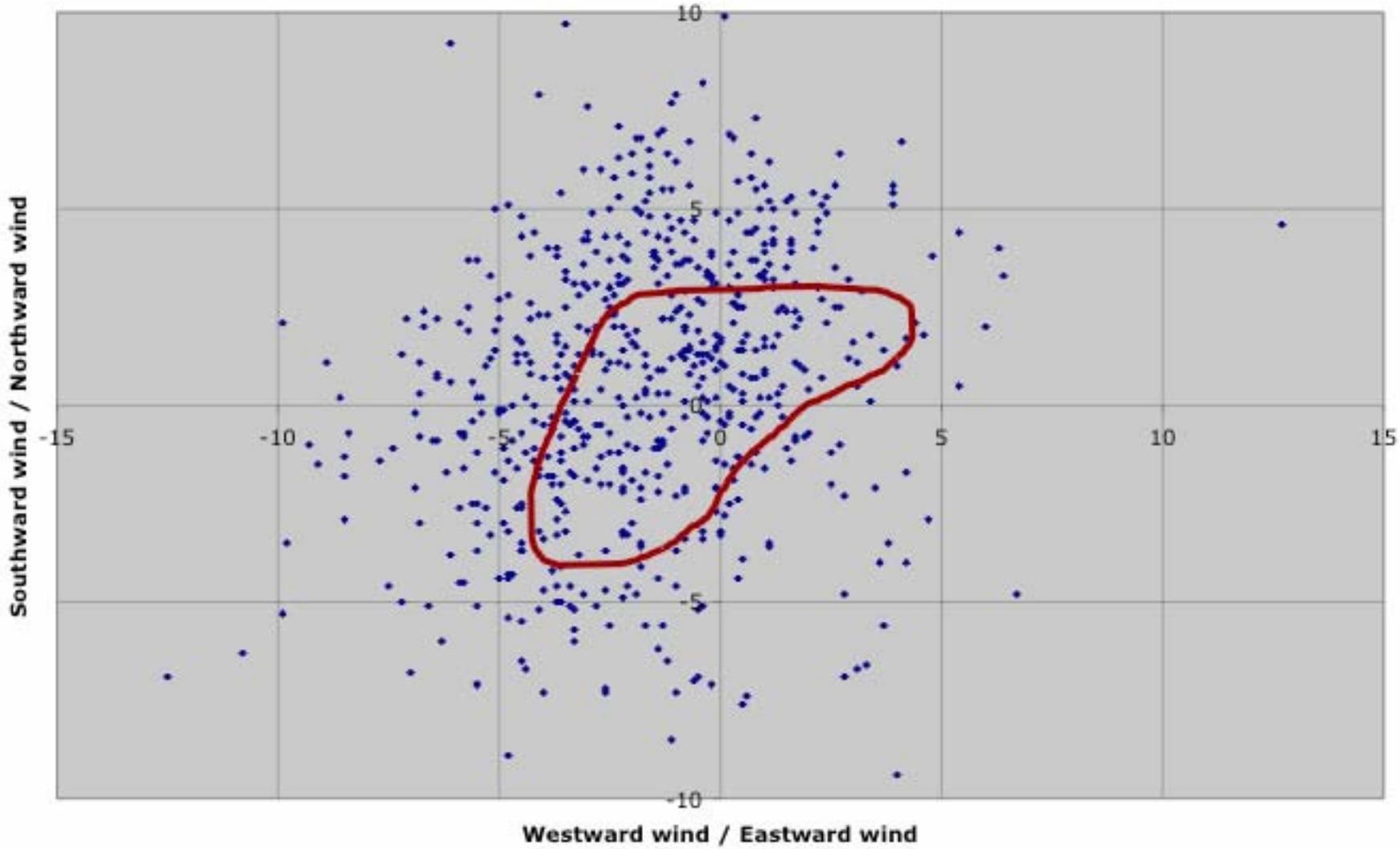
Buoy Winds, May-Oct 1998-2006



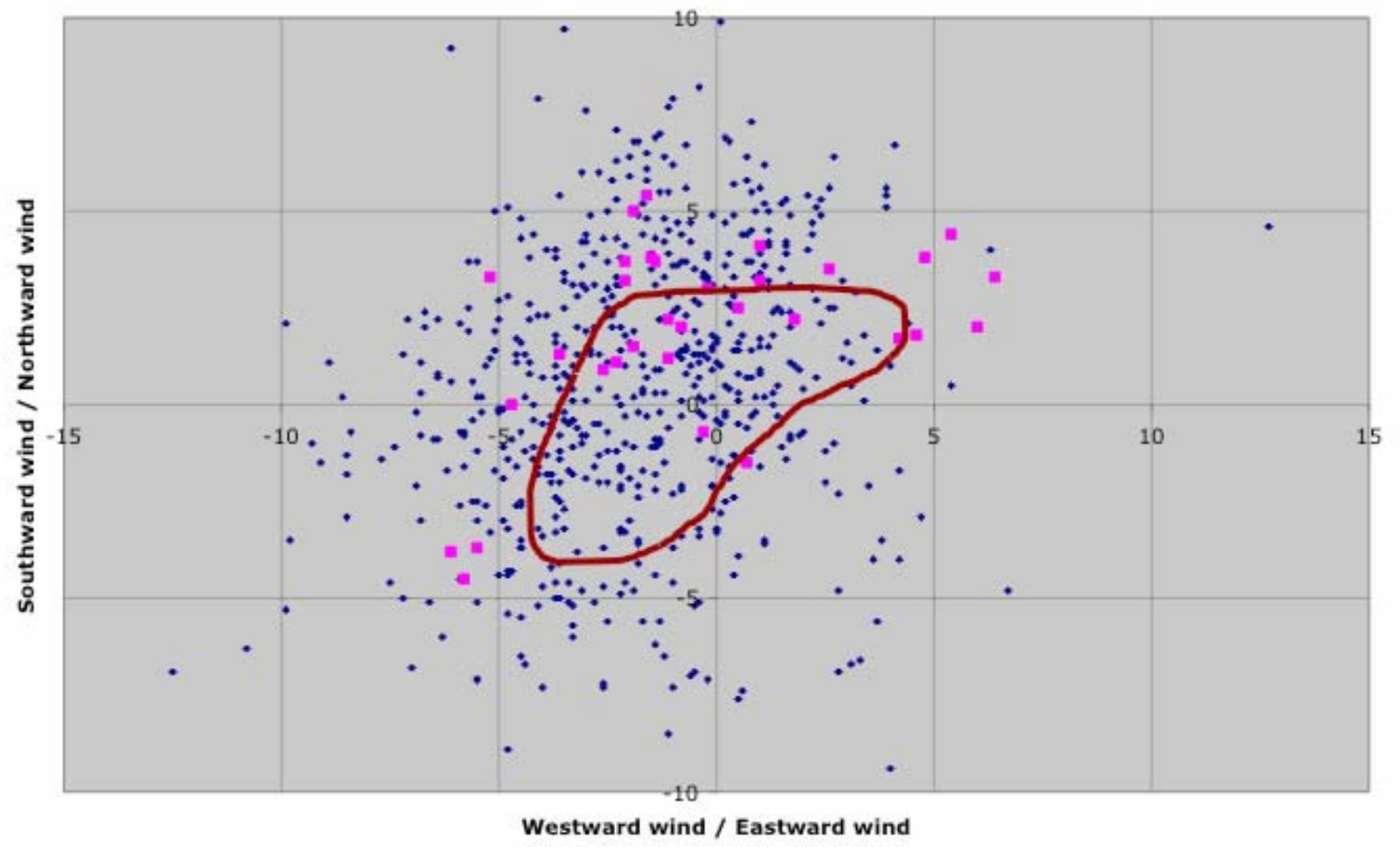
May 16 - July 31 Buoy Winds, 1998-2006



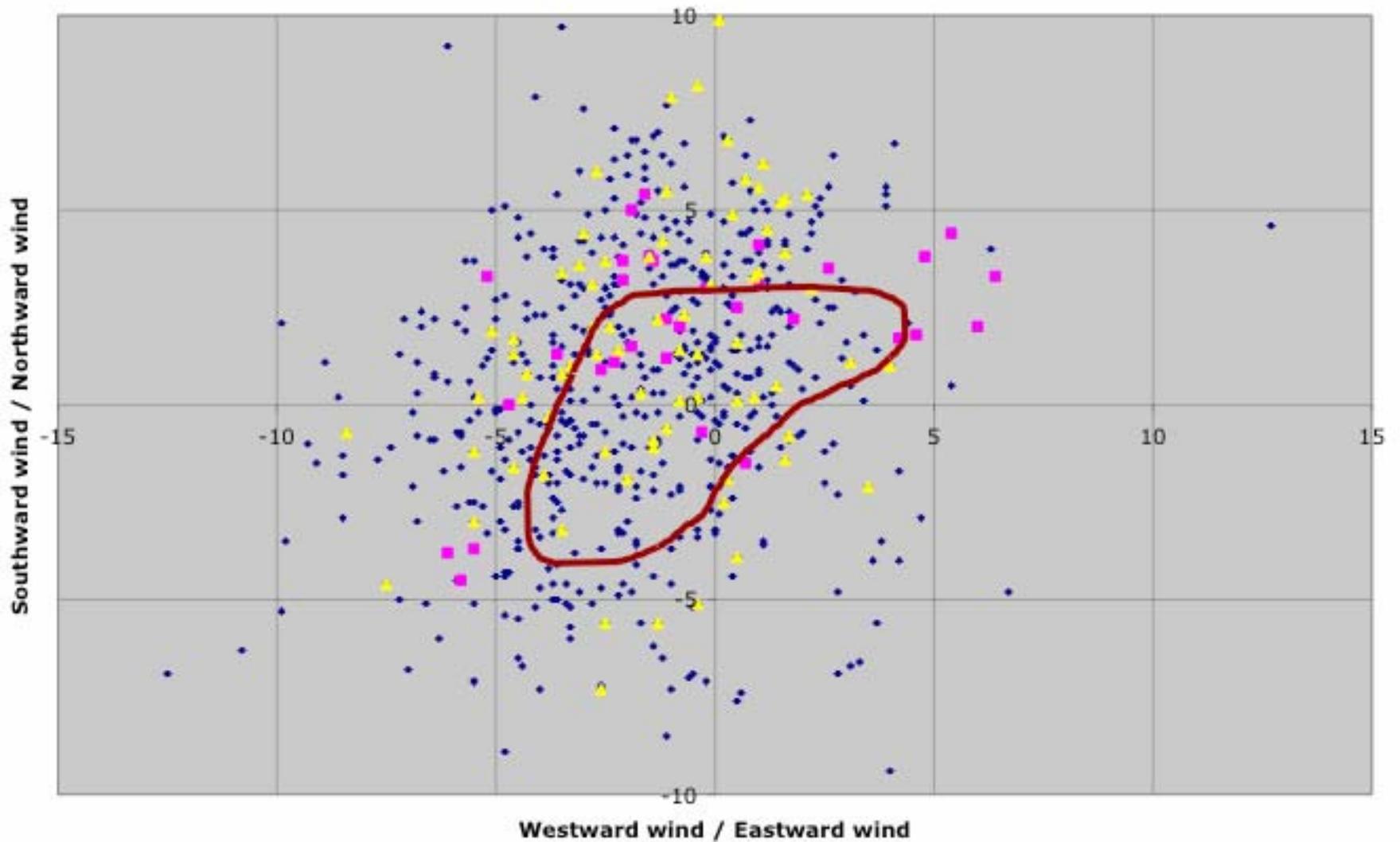
Aug 1 - Oct 15 Buoy Winds, 1998-2006



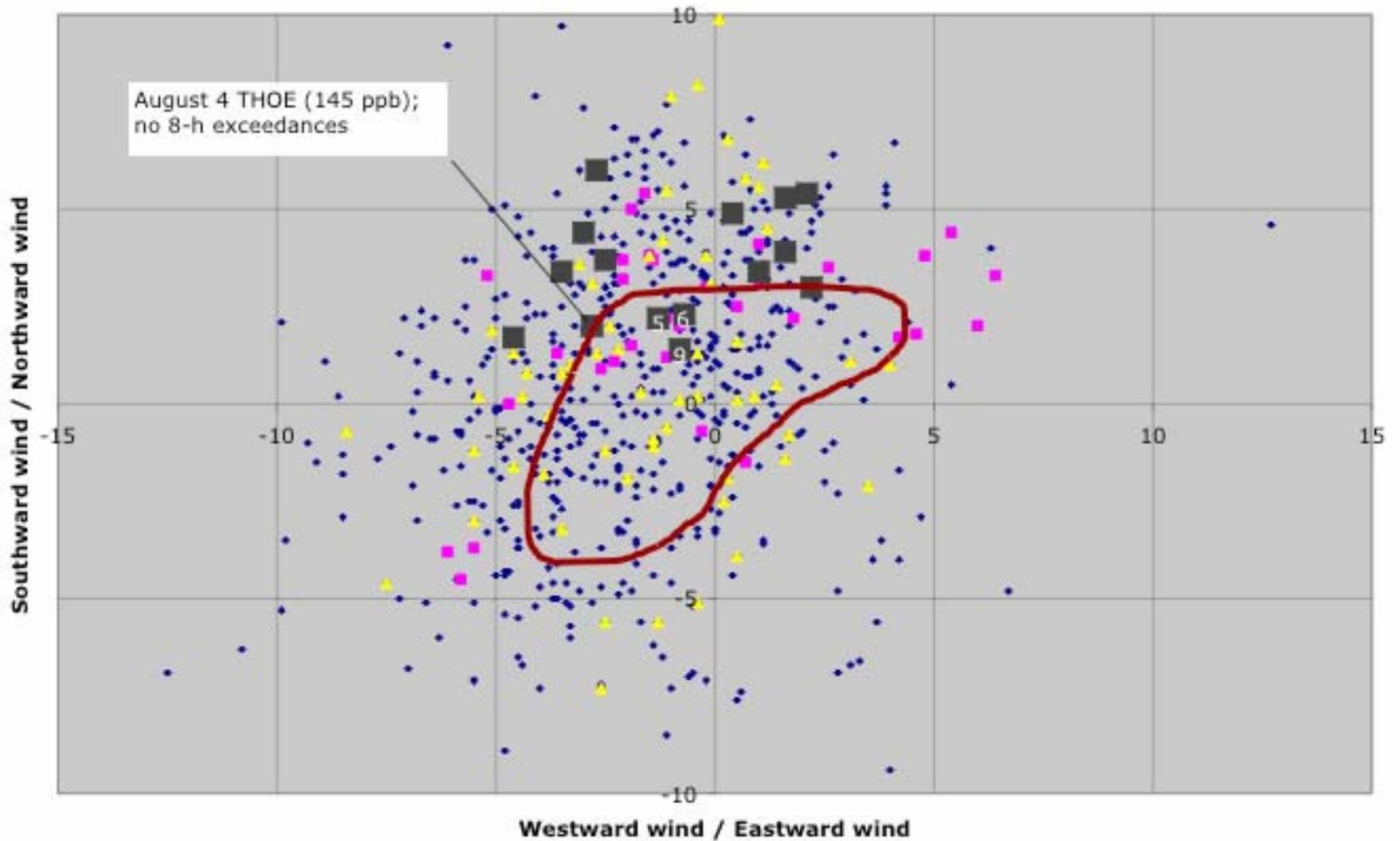
TexAQS-2000 Buoy Winds



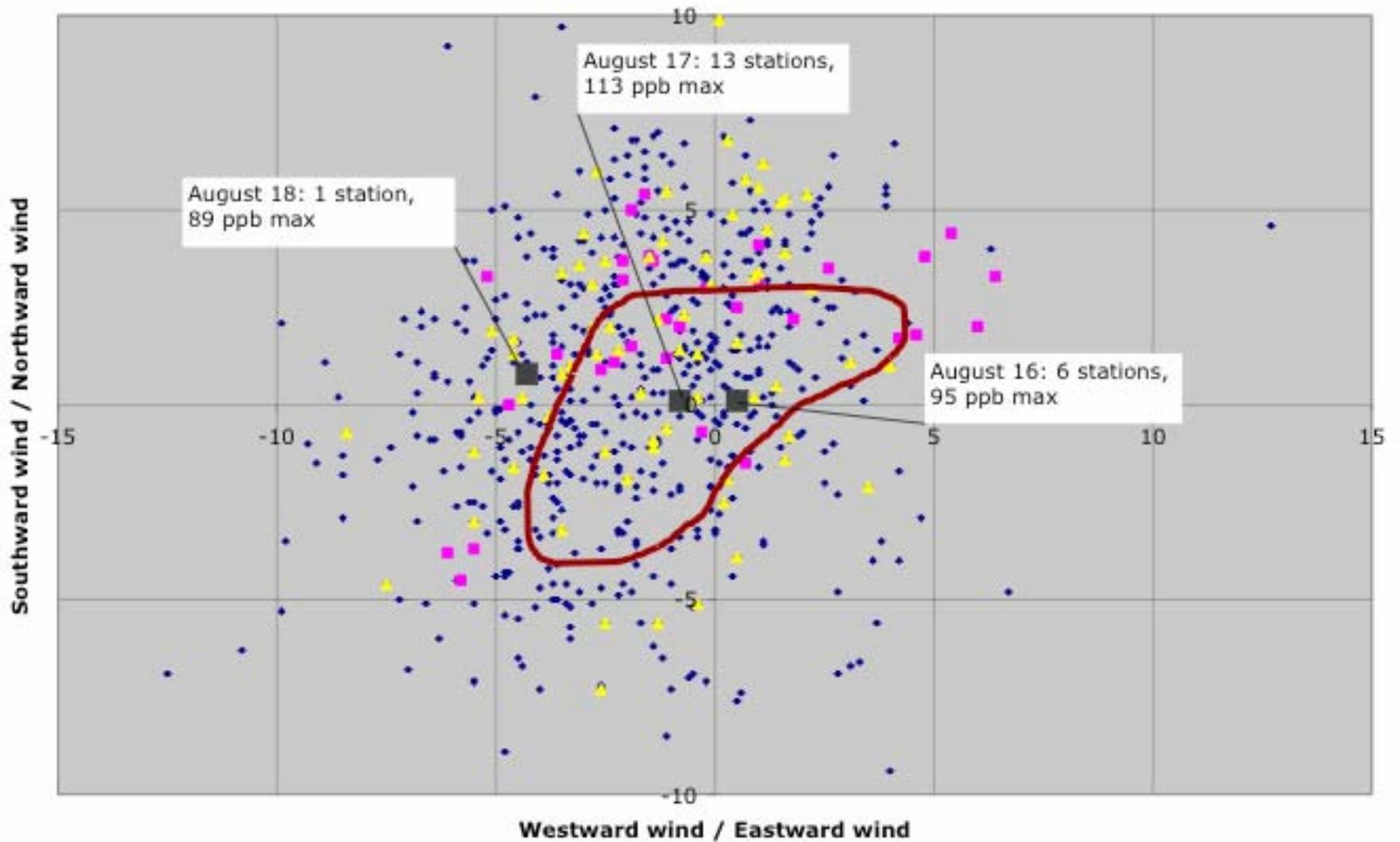
Aug 1 - Oct 15 TexAQS-II Buoy Winds



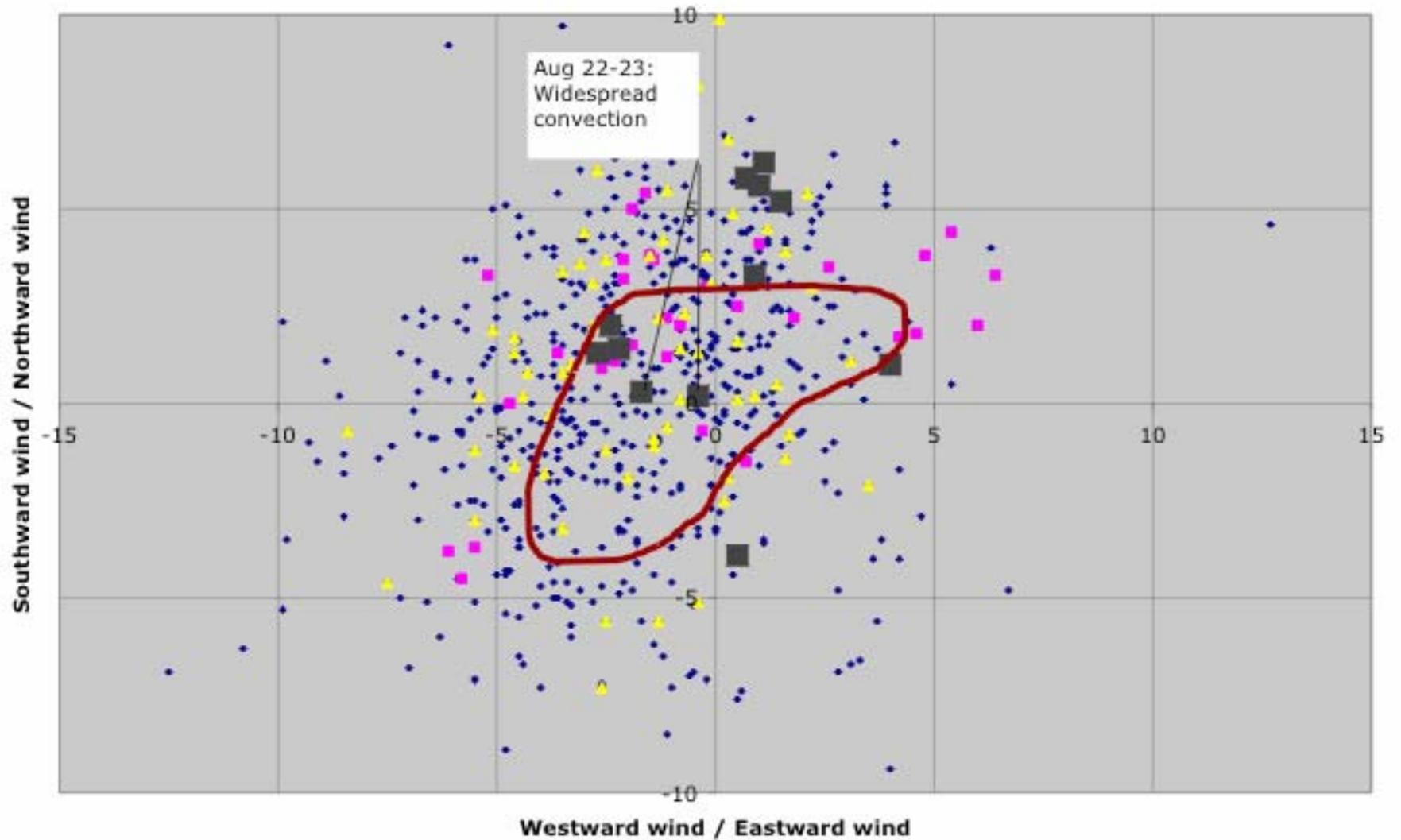
Aug 1-15, 2006 Buoy Winds



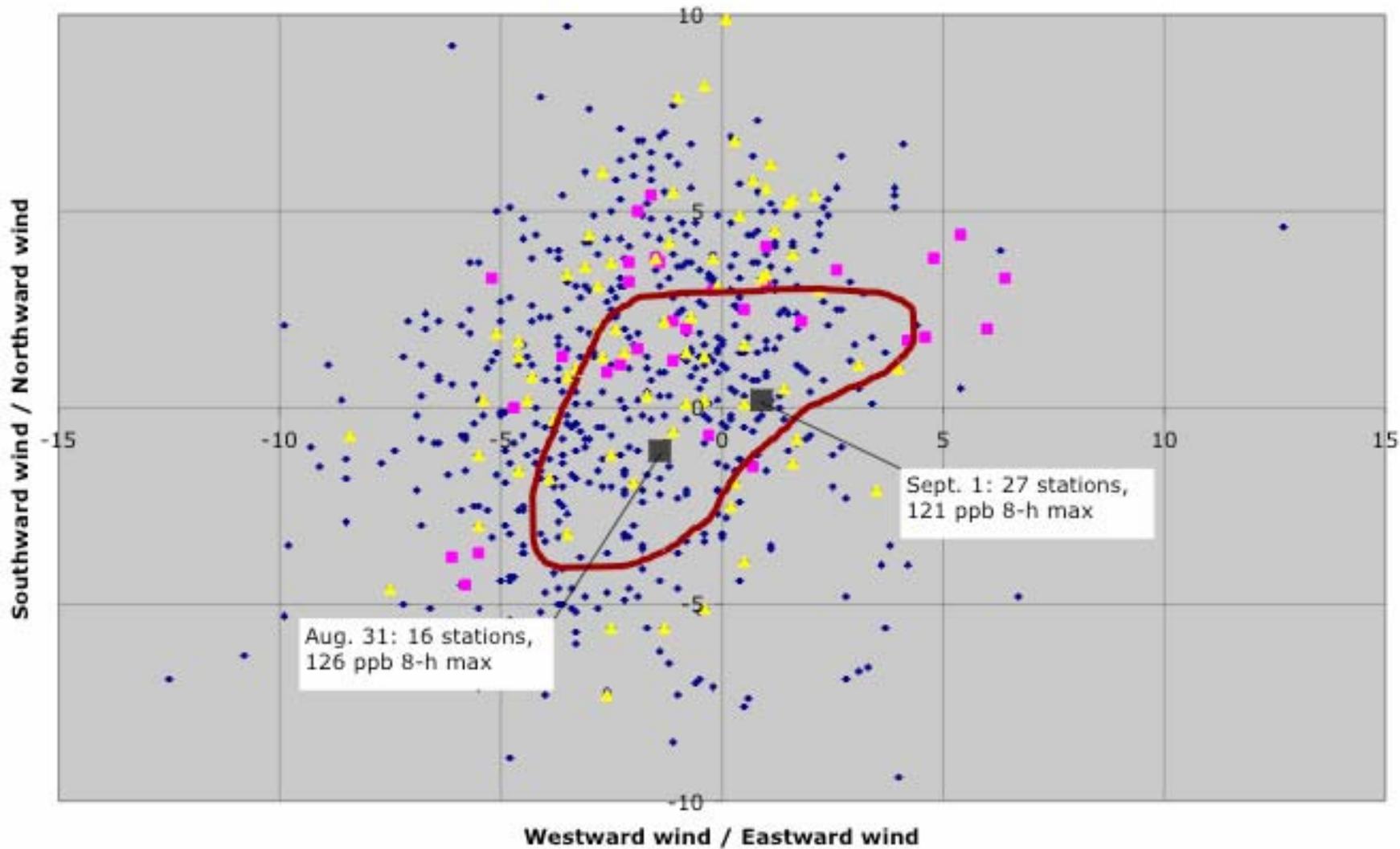
Aug 16-18, 2006 Buoy Winds



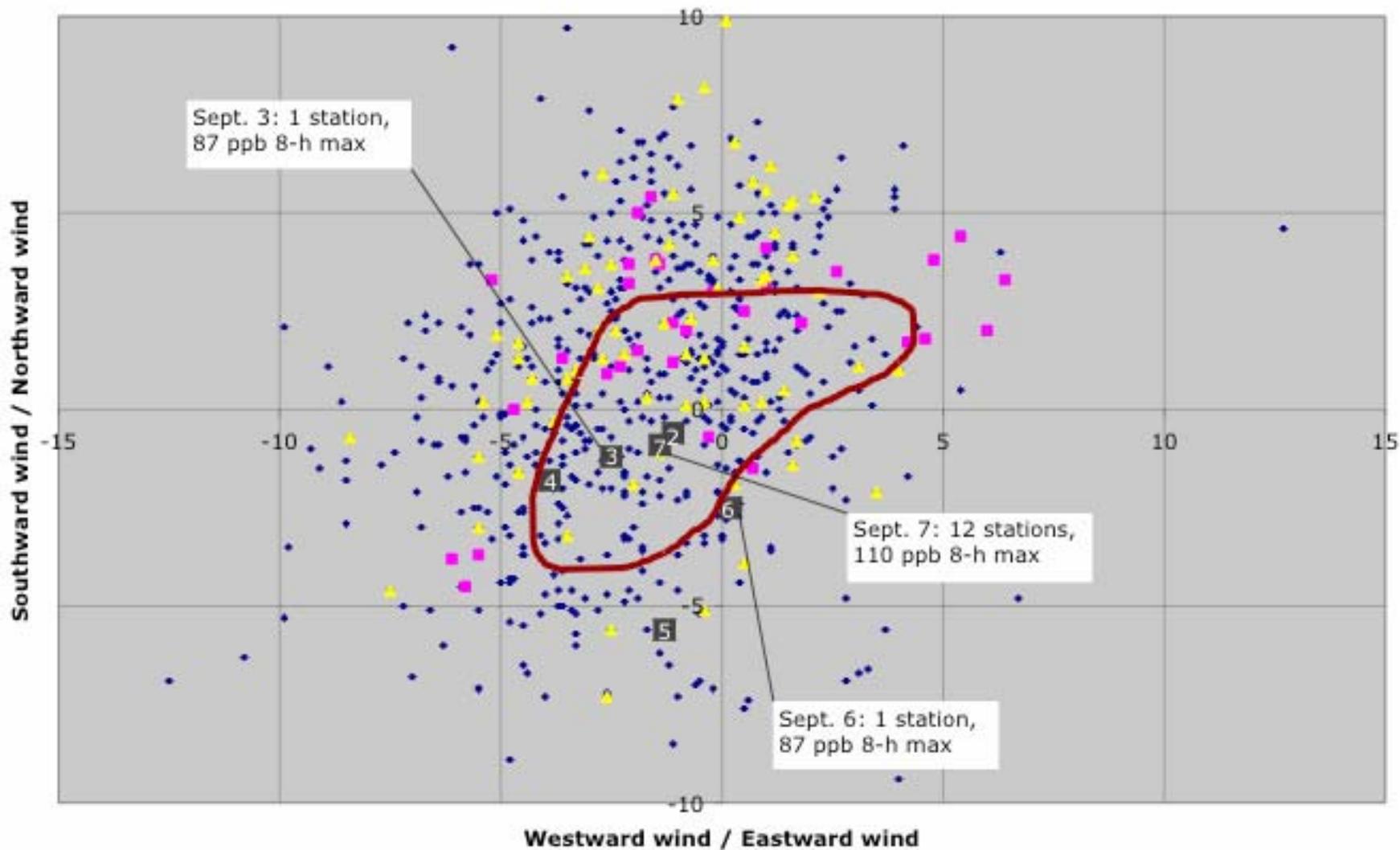
Aug 19-30, 2006 Buoy Winds



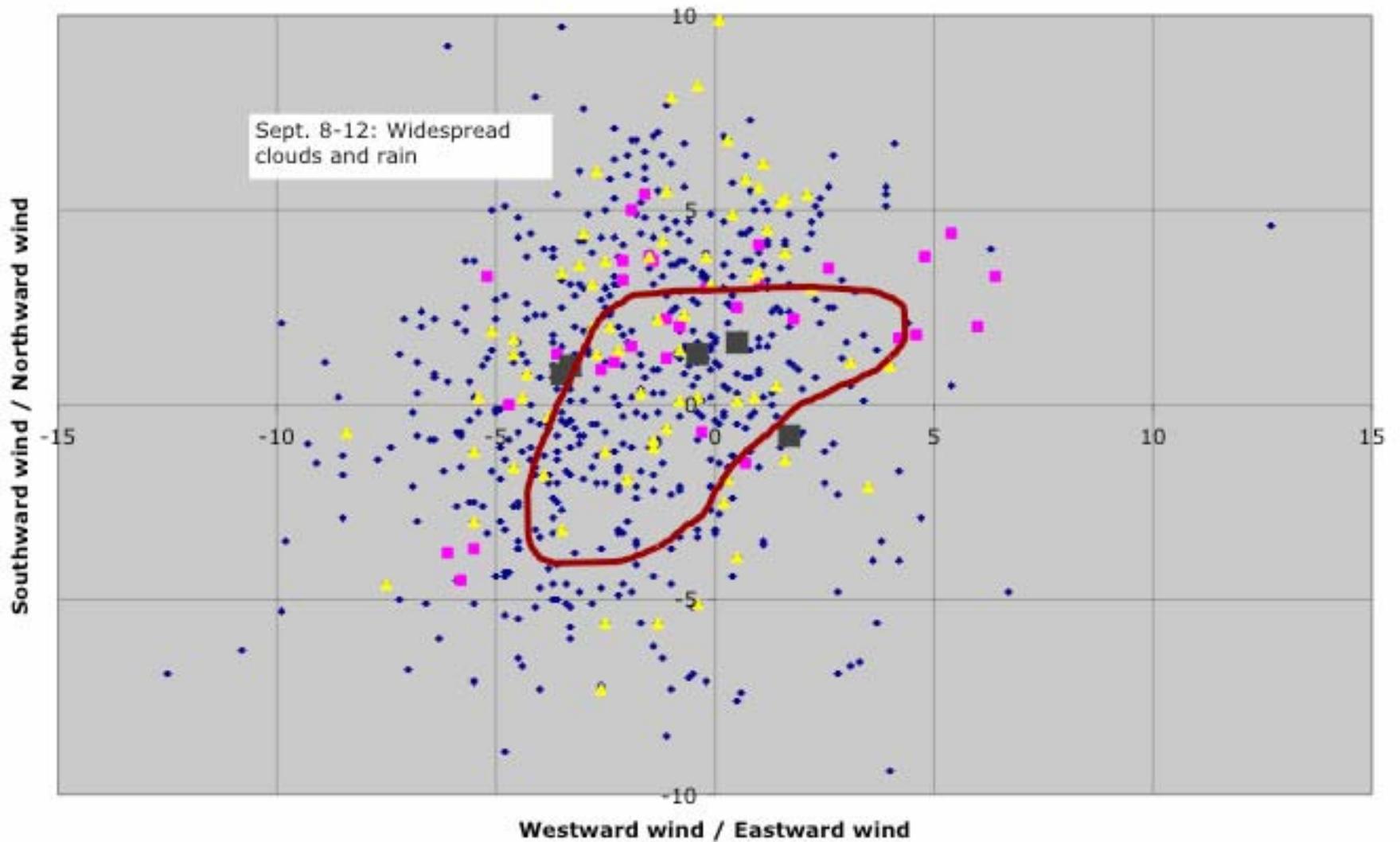
Aug 31 & Sept 1, 2006 Buoy Winds



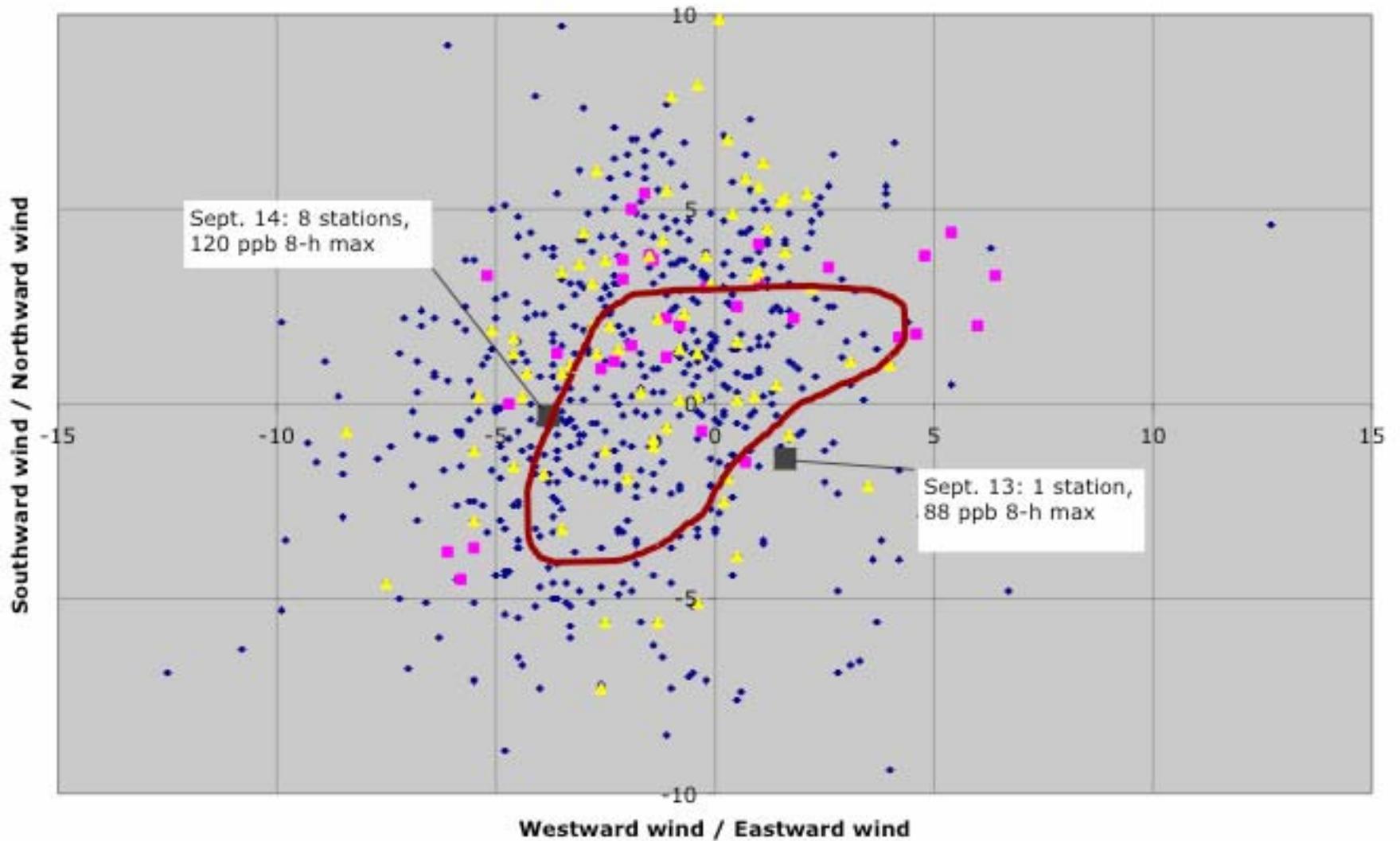
Sept. 2-7, 2006 Buoy Winds



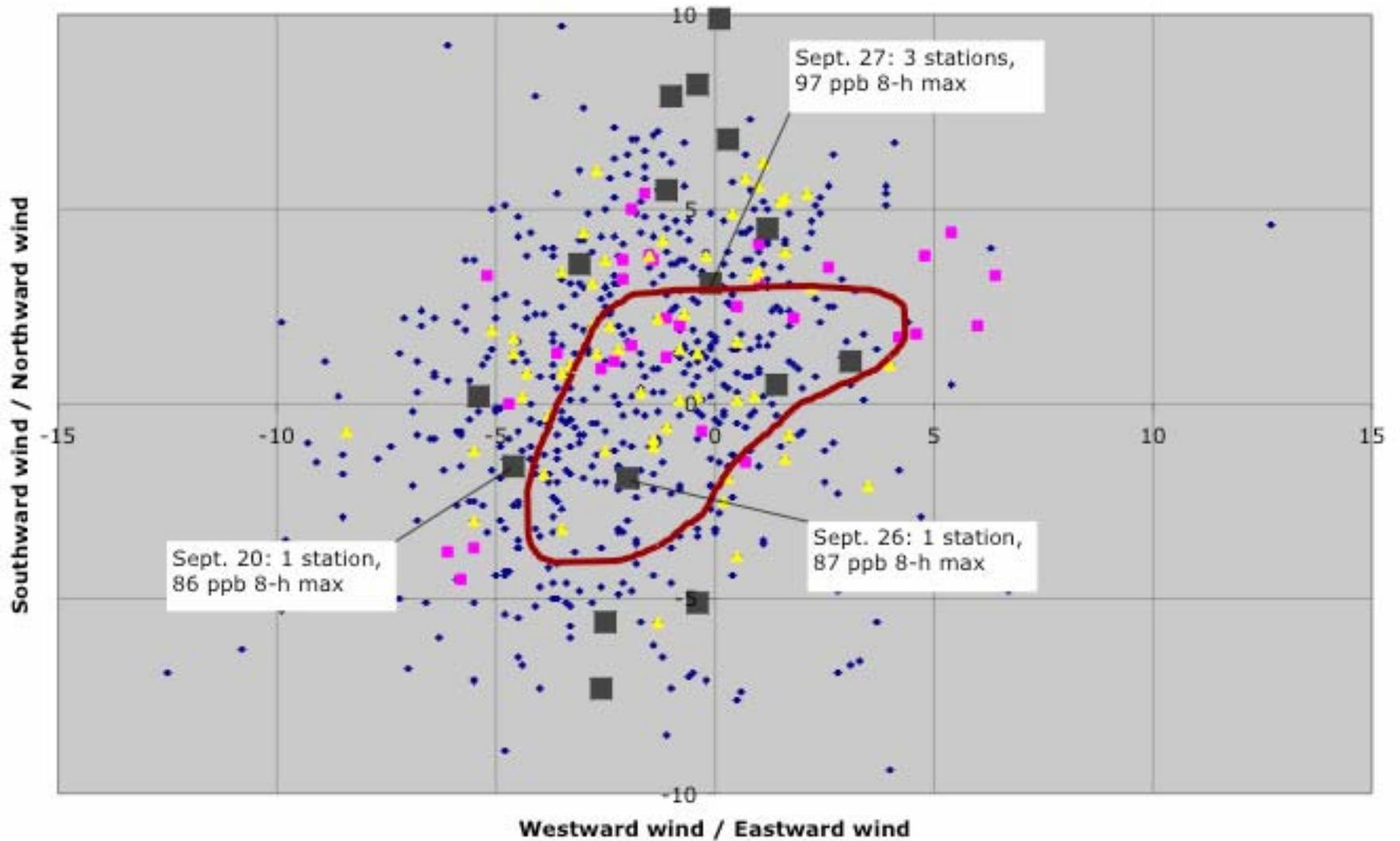
Sept 8-12, 2006 Buoy Winds



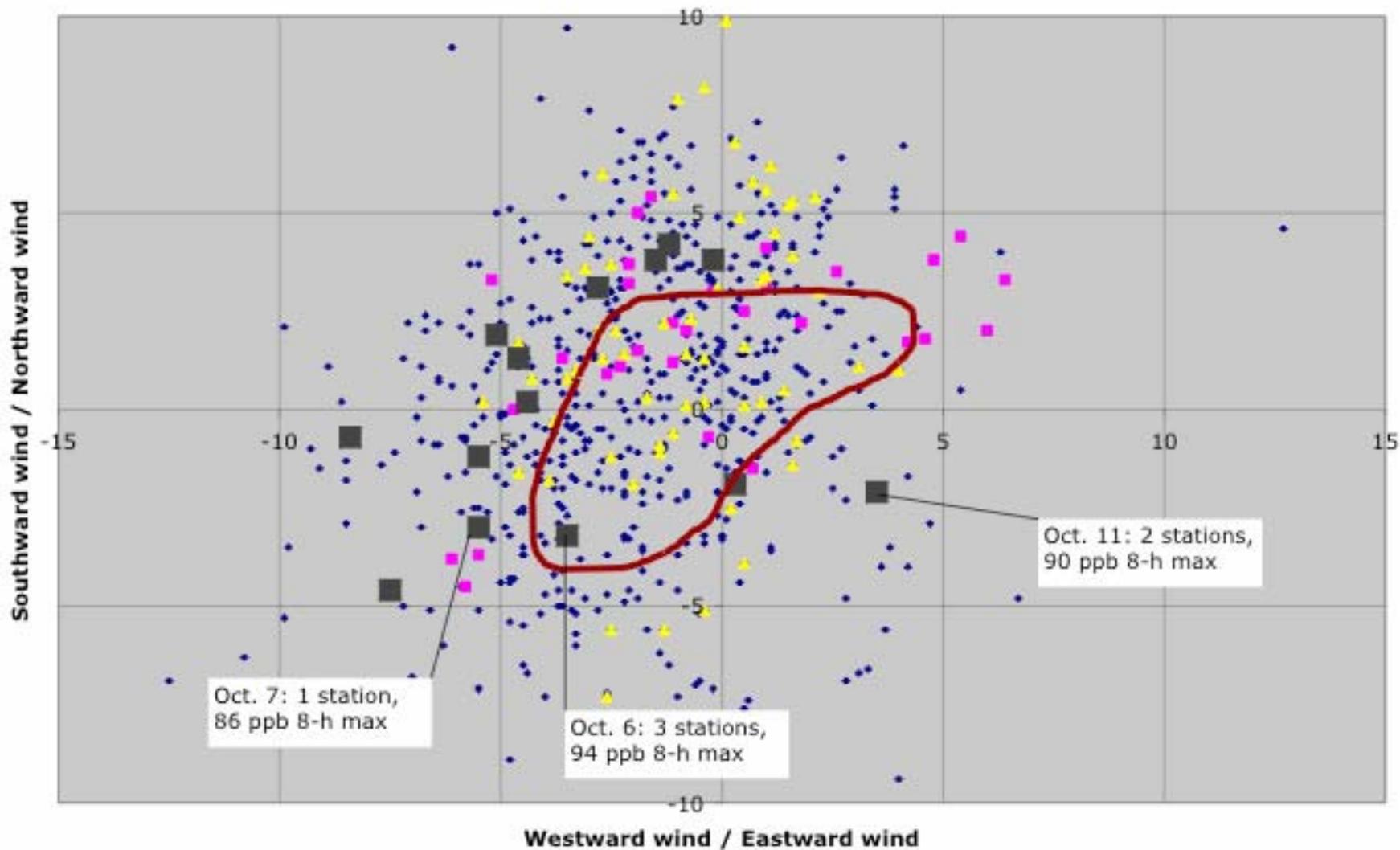
Sept 13-14, 2006 Buoy Winds



Sept 15-30, 2006 Buoy Winds



Oct 1-14, 2006 Buoy Winds



Conclusions

- Meteorology and transport in the 2006 field intensive was unlike the 2000 field intensive
- 2006 events were probably more background-dominated
- Together, 2000 and 2006 spanned the full range of (un)favorable Houston meteorology
- Recirculation of previous day's ozone occurred on Sept. 1 and maybe on Aug. 17 or Sept. 14

Aug 1 - Oct 15 Buoy Winds

