

# Black aurora

Black [aurora](#) is a lack of auroral emission in a small, well-defined region within an otherwise uniform, [diffuse](#) background or within auroras exhibiting a degree of shear behaviour intermediate between that of diffuse and [discrete](#) aurora (e.g., Davis, 1978). It appears to be a common feature of the midnight sector during late [substorm recovery phase](#) (Trondsen and Cogger, 1997).

## References

- Davis, T. N., Observed microstructure of auroral forms, *J. Geomagn. Geoelectr.*, **30**, 371-380, 1978.
- Trondsen T. S. and L. L. Cogger, High-resolution television observations of black aurora, *J. Geophys. Res.*, *102*, 363-378, 1997.