

THE TRIUMPH

GOES VIEWS CHALLENGER EXHAUST TRAIL

by Henry W. Brandli (1)

On 30 October 1985 at 1700 GMT, the space shuttle Challenger lifted off from Cape Kennedy during ideal weather conditions.

Fig. 1. shows the challenger's spectacular exhaust trail (2) taken by 22,000 mile high GOES meteorological space craft's visual radiometer at 1706 GMT. Little, if any, wind shear aloft was present.

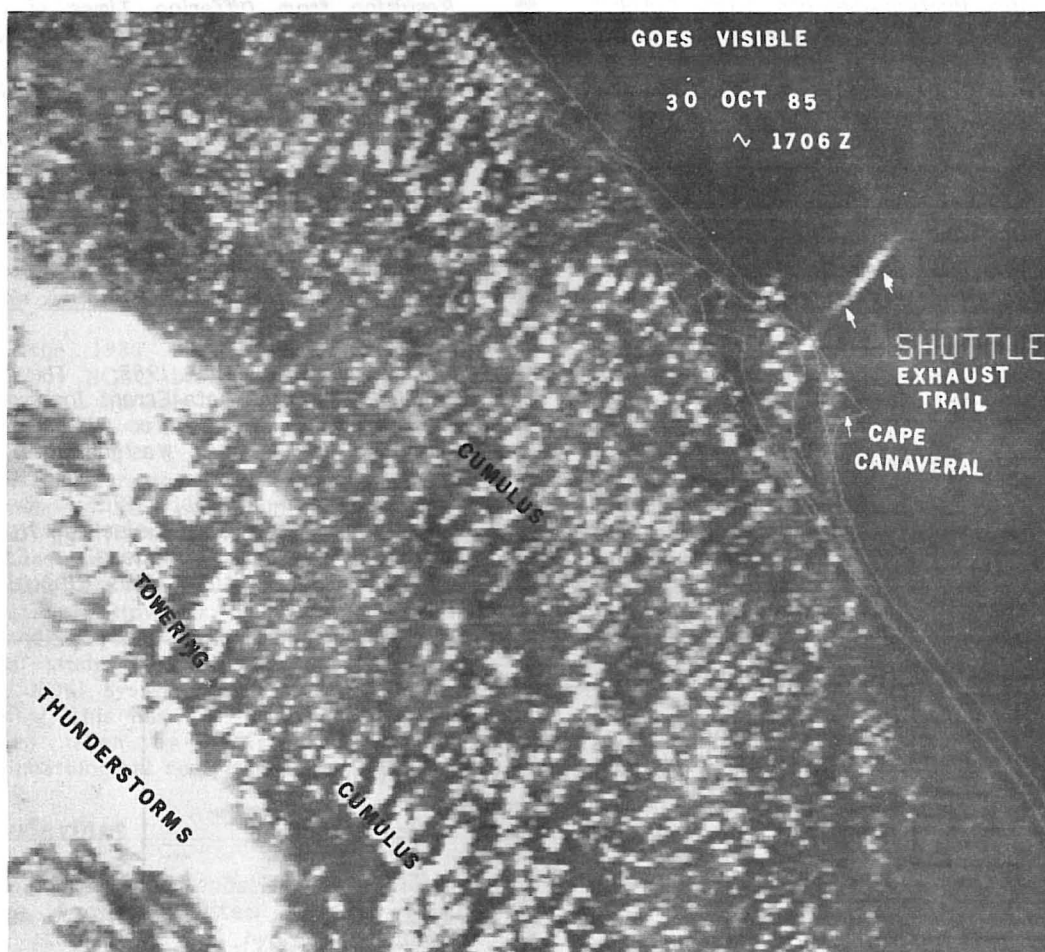


Fig. 1. GOES visual imagery 1706 GMT 30 October 1986.

NOTES AND REFERENCES

1. Henry W. Brandli is Chairman, NWA Satellite Meteorology Committee.
2. Brandli, H. 1985: GOES View Of Discovery Exhaust, Bull. Amer. Meteor. Soc. 66, pp. 846.