# Appendix ii

Flow Chart for METAR Encoding

## METAR CODE (REMARKS)

Weather phenomena
at the station
at time of observation
— YES | NO

The phenomena is a form
of precipitation
NO | YES

Shower/s, very light
NO | YES

Other precipitation of
greater intensity since
the last hourly report
YES

ZR-, ZR, ZR+
REFZRA
ZL-, ZL, ZL+
REFZDZ
R, RW, R+, RW+
RERA
L, L+
REDZ
S, SW, S+, SW+
RESN
IP, IPW, IP+, IPW+
REPE
SP, SP+
REGS
A, A+
REGR
(SG not considered)

Blowing snow (BS)
vsby > 1/4 mile
YES

Since the last hourly
report, the visibility was
reduced to 1/4 or less in BS
YES

REBLSN

---

RECENT, VICINITY and/or
OTHER weather phenomenas

Phenomena in the VICINITY
(within 5 miles of the station).
Shower/s (light, mod. or heavy)
VCSH
Fog
VCFG
Blowing snow
VCBLSN
Blowing dust
VCBLDU
Blowing sand
VCBLSA
Duststorm
VCDS
Sandstorm
VCSS
Dust/Sand whirls
VCPO

OTHER     Phenomenas

Wind direction variability
60°/ >3 knots/ 10 min.
dndndnVdxdxdx

| | | |
|---|---|---|
| Shallow fog | | MIFG |
| | VSBY | |
| Fog patches | | BCFG |
| | 5/8 mi | |
| Non-patchy fog | or | PRFG |
| +/- continuous | more | |

| | |
|---|---|
| Drifting snow | DRSN |
| Drifting dust | DRDU |
| Drifting sand | DRSA |
| Dust or sand whirls | PO |
| Duststorm | DS |
| Sandstorm | SS |
| Volcanic ash | VA |

---

RECENT     phenomena
observed since the last
hourly report.
ZR-, ZR, ZR+
REFZRA
ZL-, ZL, ZL+
REFZDZ
R, RW, R+, RW+
RERA
L, L+
REDZ
S, SW, S+, SW+
RESN
IP, IPW, IP+, IPW+
REPE
SP, SP+
REGS
A, A+
REGR
(SG not considered)
T,T+
RETS
BS (6 mi or less)
REBLSN
BN (1/2 mi or less)
RESS
BD (1/2 mi or less)
REDS
Tornado,
waterspout, or
funnel cloud
REFC
Volcanic ash
REVA

Windshear runway #
WS RWYDrDr

Windshear Left, Centre or Right
to distinguish parallel runways
WS RWYDrDr L, C, R

Windshear all runways
WS ALL RWY

Runway visual range
RDrDr/VrVrVrVr i                    or
RDrDr/VrVrVrVr/VVrVrVr i