























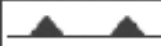















SYMBOLS FOR SIGNIFICANT WEATHER				STANDARD ATMOSPHERE		
	Thunderstorms		Drizzle	metres	feet	hPa
	Tropical cyclone		Rain	18000		100
	Severe squall line		Snow	15000	50.000	
	Moderate turbulence		Shower	14000		
	Severe turbulence		Hail	13000		
	Mountain waves		Widespread blowing snow	12000		150 (FL 450)
	Moderate aircraft icing		Severe sand or dust haze	11000		
	Severe aircraft icing		Widespread sandstorm or dust storm	10000	40.000	
	Widespread fog		Widespread haze	9000		200 (FL 300)
	Radioactive materials in the atmosphere		Widespread mist	8000		250 (FL 340)
	Volcanic eruption		Widespread smoke	7000		300 (FL 300)
	Mountain obscuration		Freezing precipitation	6000		400 (FL 240)
SYMBOLS FOR SIGNIFICANT WEATHER				5000		500 (FL 180)
	Cold front at the surface		Position, speed and level of maximum wind	4000	30.000	
	Warm front at the surface		Convergence line	3000		
	Occluded front at the surface		Freezing level	2000		
	Quasi-stationary front at the surface		Intertropical convergence zone	1000	10.000	700 (FL 100)
	Tropopause High		State of the sea	0		
	Tropopause Low		Sea-surface temperature			850 (FL 050)
	Tropopause Level		Widespread strong surface wind (exceeding 30kt)			1000
ABBREVIATIONS USED TO DESCRIBE CLOUDS						
TYPE						
AC = Alto cumulus	CC = Cirrocumulus	CU = Cumulus	ST = Stratus			
AS = Alto stratus	CI = Cirrus	NS = Nimbostratus	TCU = Towering cumulus			
CB = Cumulonimbus	CS = Cirrostratus	SC = Stratocumulus				
AMOUNT						
FEW = few (1/8 to 2/8)		ISOL = individual (isolated)				
SCT = scattered (3/8 to 4/8)		OCNL = well-separated (occasional)				
BKN = broken (5/8 to 7/8)		FRQ = with little or no separation (frequent)				
OVC = overcast (8/8)		EMBD = embedded in layers of other clouds (embedded)				

W'W' - SIGNIFICANT PRESENT AND FORECAST WEATHER (CODE TABLE)

The W'W' groups shall be constructed by considering columns 1 to 5 of the table in sequence, i.e. intensity, followed by description, followed by weather phenomena

QUALIFIER		WEATHER PHENOMENA		
1. INTENSITY	2. DESCRIPTOR	3. PRECIPITATION	4. OBSCURATION	5. OTHER
.	MI Shallow	DZ Drizzle	BR Mist	PO Dust/sand whirls
Light	BC Patches	RA Rain	FG Fog	SQ Squalls
(no qualifier)	PR Partial	SN Snow	FU Smoke	FC Funnel cloud/s (tornado or water spout)
Moderate	DR Low drifting	SG Snow grains	VA Volcanic ash	SS Sandstorm
+	BL Blowing	IC Ice crystals	DU Widespread dust	DS Duststorm
Heavy	SH Showers	PL Ice pellets	SA Sand	
VC	TS Thunderstorm	GR Hail	HZ Haze	
in the vicinity	FZ Freezing/Supercooled	GS Small hail		
		UP Unidentified precipitation		

OTHER METEOROLOGICAL CODES AND ABBREVIATIONS

ABV above	HPA hectopascal	NSC no significant clouds	STF stratiform
AT at	HVY heavy	NSW no significant weather	STNR stationary
BECMG becoming	ICE icing	NOSIC no significant change	TC tropical cyclone
BLW below	INC in cloud	OBS observed	TEMPO temporarily
BTN between	INTST intensity or intensifying	OBSC obscure or obscured	TL until
CAT clear air turbulence	LYR layer or layered	PROB probability	TOP top of clouds
CAVOK cloud and visibility OK	MOD moderate	RE recent	VAL in valleys
CLD cloud	MON above mountains	RMK remarks	VIS visibility
CUF cumiform	MOV moving	SEV severe	VRB variable
FBL light (feeble)	MTW mountain waves	SFC surface	VV vertical visibility
FM from	NCD no clouds detected	SLW slow or slowly	WKN weakening
GND ground	NDV no directional variations	SQL squall line	WS wind shear

MEASURES EQUIVALENCE

DISTANCE/LENGTH	SPEED
metres m = ft · 3,28	knots kt = km/h · 1,852
feet ft = m · 0,3048	knots kt = m/sec · 0,514
nautical miles nm = km · 1,852	kilometres per hour km/h = kt · 0,54
kilometres km = nm · 0,54	metres per second m/sec = kt · 1,944