

Clouds						
Name	Code	Description				
Genera			Species	Varieties	Supplementary Features	Accessory Clouds
Cirrus	Ci	detached, white, fibrous	fib, unc, spi	in, ve, ra, du		
Cirrocumulus	Cc	detached grains, ripples <math><1^\circ</math>, one finger at arms length	cas, flo, str, len	un, la		
Cirrostratus	Cs	transparent veil, fibrous or smooth, milky look, halos, sheets	fib, neb	un, du		
Alto cumulus	Ac	white or grey, shaded, 1-5 ^o , 3 fingers at arms length	cas, flo, str, len	un, ra, la, du, op, tr	vir	
Altostratus	As	grey sheets, smooth or fibrous, perlucidus, no halos	neb	un, ra, du, op, pe, tr	vir	pan
Stratocumulus	Sc	grey or white patches or sheets, rolls, elements > 5 ^o	cas, str, len	un, ra, la, du, op, pe	vir	
Stratus	St	grey, uniform base, sun's shape sharp edged if seen, ragged patches	neb, fra	un, op, pe, tr		
Cumulus	Cu	detached, dense, sharp outlines, vertical development, dark base	fra, hum, med, con	ra	inc, mam, vir, pra, arc	pan
Cumulonimbus	Cb	dark base, white fibrous top nearly always flattened, possible hail and thunder	cal, cap		inc, mam, vir, pra, arc, tub	pan
Nimbostratus	Ns	dark grey, diffuse, opaque, often with precipitation			vir	pan

Species		
Fibratus	fib	applies mostly to Ci & Cs
Uncinus	unc	Ci shaped like comma or tuft
Spissatus	spi	Ci thick enough to appear greyish towards the sun; usually associated with Cb
Castellanus	cas	turret shaped; height usually exceeds width: Cc, Ac, Sc
Floccus	flo	cumuliform top; lower trailing virga: Cc, Ac
Stratiformis	str	extensive horizontal sheet or layer; Ac, Sc and rarely Cc
Nebulosis	neb	nebulous veil without distinctive detail, mainly Cs, St, As
Lenticularis	len	lens shaped: Cc, Ac, Sc; iridescence, wave origin, often orographic
Fractus	fra	irregular shreds; ragged; St and Cu only; shows vorticity in Cu
Humilis	hum	Cu of minor vertical extent, often flattened
Mediocris	med	Cu of moderate vertical extent, some protuberances
Congestus	con	Cu of great vertical extent, cauliflower shape, clearly sprouting
Calvus	cal	Cb where the cumuliform upper part has become indistinct; vertical striations
Capillatus	cap	Cb with distinct cirriform upper part

Varieties

Intortus	in	Ci where filaments are entangled in a capricious manner
Vertebratus	ve	Ci arranged like fish vertebrae
Undulatus	un	undulations in Cc, Cs, Ac, As, Sc & St
Radiatus	ra	parallel bands converging towards the horizon due to perspective: Ci, Ac, As, Sc, Cu
Lacunosis	la	regular holes and elements; honeycombe pattern: Cc, Ac and rarely Sc
Duplicatus	du	superimposed sheets at different levels: Ci Cs, As, Sc & Ac
Translucidus	tr	clouds thin enough to reveal the position of the sun or moon
Perlucidus	pe	tr in places
Opacus	op	sun or moon completely obscured by cloud: Ac, As, Sc, St

Supplementary Features

Incus	inc	anvil shaped Cb
Mamma	mam	hanging protuberances, billows
Virga	vir	fallstreaks of precipitation not reaching the surface: Ac, As, Ns, Sc, Cu, Cb
Praecipitatio	pra	as above, but reaching the surface
Arcus	arc	dense horizontal roll with tattered edges; threatening arch; Cb, rarely Cu
Tuba	tub	inverted cone, rotating, intense vortex associated with tornadoes and water spouts
Accessory Clouds		
Pileus	pil	cap of cloud of small horizontal extent associated with Cb or Cu, which may penetrate it
Velum	vel	cap of cloud of great horizontal extent: Cu & Cb
Pannus	pan	ragged shreads below a main cloud base, sometimes attached to As, Ns, Cu & Cb