



















Class	Sub Class	Symbol	Code	Shape
Precipitation Particles (PP) +	Columns	□	PPco	Prismatic crystal, solid or hollow
	Needles	↔	PPnd	Needle-like, approximately cylindrical
	Plates	⬡	PPpl	Plate-like, mostly hexagonal
	Stellars	*	PPsd	Six-fold star-like, planar or spatial
	Irregular Crystals	∩	PPir	Clusters of very small crystals
	Graupel	⚡	PPgp	Heavily rimed particles, spherical, conical, irregular
	Hail	▲	PPhl	Laminar internally, translucent or milky glazed
	Ice Pellets	△	PPip	Transparent, mostly small spheroids
	Rime	∇	PPrm	Irregular deposits pointing into the wind
Machine Made Snow (MM) ◎	Round Polycrystalline Particles	◎	MMrp	Small spherical particles, often showing protrusions, and may be partially hollow
	Crushed Ice Particles	⚡	MMci	Ice plates, shard-like
Decomposing and Fragmented Precipitation Particles (DF) /	Partly Decomposed Precipitation Particles	/	DFdc	Characteristic shapes of precipitation particles still recognizable; often partly rounded
	Wind-Broken Precipitation Particles	/	DFbk	Shards or fragments of precipitation particles
Rounded Grains (RG) ●	Small Rounded Particles	•	RGsr	Rounded, usually elongated of size < 0.25mm; highly sintered
	Large Rounded Particles	●	RGlr	Rounded, usually elongated of size ≥ 0.25mm; well sintered
	Wind Packed Particles	●	GRwp	Small, broken, closely-packed; well sintered
	Faceted Rounded Particles	⬢	GRxf	Rounded, usually elongated with developing facets
AFaceted Crystals (FC) □	Solid Faceted Particles	□	FCso	Solid faceted crystals, usually hexagonal prisms
	Near Surface Faceted Particles	⊠	FCsf	Faceted crystals in surface layer

	Rounding Faceted Particles		FCxr	Faceted crystals with rounding facets and corners
Depth Hoar (DH) ^	Hollow Cups		DHcp	Striated, hollow skeleton type crystals; usually cup shaped
	Hollow Prisms		DHpr	Prismatic, hollow skeleton type crystals with glassy faces but few striations
	Chain of Depth Hoar		DHch	Hollow skeleton type crystals arranged in chains
	Large Striated Crystals		DHla	Large, heavily striated crystals; either solid or skeleton type
	Rounding Depth Hoar		DHxr	Hollow skeleton type crystals with rounding of sharp edges, corners, and striations
Surface Hoar (SH)	Surface Hoar Crystals		SHsu	Striated, usually flat crystals; sometimes needle-like
	Cavity or Crevasse Hoar		SHcv	Striated, planar or hollow skeleton type crystals grown in cavities; orientation often random
	Rounding Surface Hoar		SHxr	Surface hoar crystal with rounding of sharp edges, corners, and striations
Melt Forms (MF) o	Clustered Rounded Grains		MFcl	Clustered rounded crystals held by large ice-to-ice bonds; water in internal veins among three crystals or two grain boundaries
	Rounded Polycrystals		MFpc	Individual crystals are frozen into a solid polycrystalline particle, either wet or refrozen
	Slush		MFsl	Separated rounded particles completely immersed in water
	Melt-Freeze Crust		MFcr	Crust of recognizable melt-freeze polycrystals
Ice Formations (IF) ■	Ice Layer		IFil	Horizontal ice layer
	Ice Column		IFic	Vertical ice body
	Basal Ice		IFbi	Basal ice layer
	Rain Crust		IFrc	Thin, transparent glaze or clear film of ice on the surface
	Sun Crust		IFsc	Thin, transparent and shiny glaze or clear film of ice on the surface