ASSIST Header Codes Data fields of .csv output

COMMENTS Comments

ShS ShA

FCF

WS WD LV

Medium Cloud Type
Medium Cloud Cover
Medium Cloud Height
Low Cloud Type
Low Cloud Cover
Low Cloud Height
Total Cloud Concentration
Wind Speed
Wind Direction
Air Temperature
Water Temperature
Relative Humidity
Air Pressure

도를들을 표는

High Cloud Type High Cloud Cover High Cloud Height

METEOROLOGY

Weather

Visibility

Secondary Algae Location	Secondary Algae Density	Secondary Sediment	Secondary Algae	Secondary Melt Rotten Ice	Secondary Melt Dried Ice	Secondary Melt Pond Bottom	Secondary Melt Pond Freeboard	Secondary Melt Pond Surface Type	Secondary Melt Pond Pattern	Secondary Melt Pond Depth	Secondary Melt Pond Concentration	Secondary Topography Feature Snow Covered?	Secondary Topography Feature Consolidated?	Secondary Topography Feature Old?	Secondary Topograhpy Feature Height	Secondary Topography Concentration	Secondary Topography Feature Type	Secondary Snow Thickness	Secondary Snow Type	Secondary Floe Size	Secondary Thickness	Secondary Ice Type	Secondary Partial Concentration	SECONDARY ICE	Fauna Count	Fauna Name	FAUNA	Ship Activity	Ship Heading	Ship Speed	SHIP
TAL Tertiary Algae Location	TAD Tertiary Algae Density	TSD Tertiary Sediment	TA Tertiary Algae	TMRI Tertiary Melt Rotten Ice	TMDI Tertiary Melt Dried Ice	TMBT Tertiary Melt Pond Bottom	TMTF Tertiary Melt Pond Freeboard	TMPT Tertiary Melt Pond Surface Type	TMPP Tertiary Melt Pond Pattern	TMPD Tertiary Melt Pond Depth	TMPC Tertiary Melt Pond Concentration	TSC Tertiary Topography Feature Snow Covered?	TCs Tertiary Topography Feature Consolidated?	TOId Tertiary Topography Feature Old?	TRH Tertiary Topograhpy Feature Height	TTopC Tertiary Topography Concentration	TTop Tertiary Topography Feature Type	TSH Tertiary Snow Thickness	TSY Tertiary Snow Type	TF Tertiary Floe Size	TZ Tertiary Thickness	TT Tertiary Ice Type	TPC Tertiary Partial Concentration	TERTIARY ICE	note1 2nd Note note2 3rd Note	note0 1st Note	NOTES			Nullipel of priorographs	PHOTOS

ASSIST Data Fields/Codes Data fields and lookup tables for ice Watch observations.

PRIMARY OBSERVER (PO)	SHIP HEADING (ShH)	degrees SHIP SPEED (ShS)	knots FAUNA NAME (FN)	PHOTO NAME (Photo)	COMMENTS (COMM)
ADDITIONAL OBSERVER/S (AO)		Nearest knot		Uploaded photo	Observer's comments
Full name	CHIB BOINTED (CPB)	CHIB ACTIVITY (SEA)	Any number of fauna types can be added		3
OBSERVATION DATE/TIME (Date)	Not Specified	Not Specified	Number of reported species	Not Specified	ENTS
YYYY-MM-DD HH:MM:SS UTC	0	10 :: Traveling in leads			имі
	1/4	20 :: Traveling in ice	NOTES (note0, note1, & note2)	Forward	COM
LONGITUDE (LON)	3/4	40 :: On station	Use these three fields for additional obervables you create	Core	
DDD.DDD or DDD MM SS or DD MM.MMM	Full	50 :: Traveling along ice edge			
Converts to decimal degrees automatically.	1	c			
TOTAL ICE CONCENTRATION (TC) Tenths	_	ND CONC (*MPC)	(V)	m-km HIGH CLOUD TYPE (HY)	WIND SPEED (WS)
PARTIAL ICE CONCENTRATION (*C)	00 :: No snow observation	0::0/10	90 :: <50m	Ci :: Cirrus	Nearest knot
1::1/10	02 :: Cold new snow. <1 day old	2::2/10	92 :: 200-500m	Co :: Cirrocumulus	WIND DIRECTION (WD)
2::2/10	03 :: Cold old snow	3::3/10	93 :: 500-1000m	Con Control Control	Nearest degree
3::3/10	04 :: Cold wind-packed snow	4::4/10	94 :: 1-2km	MED. CLOUD TYPE (MY)	(
4:4/10	05 :: New melting snow(wet new)	5::5/10	95 :: 2-4km	As :: Altostratus	AIR TEMPERATURE (AT)
5::5/10	05 :: Old meiting snow	5:: 5/10	95 :: 4-10km	Ac:: Altocumulus	Nearest degree, C
7::7/10	08 :: Melt slush	8::8/10	W	LOW CLOUD TYPE (LY)	WATER TEMPERATURE (WT)
8::8/10	09 :: Melt puddles	9::9/10	TOTAL CLOUD COVER(TCC)	Oktas St :: Stratus	Nearest degree, C
9::9/10	10 :: Saturated snow	10::10/10	HIGH CLOUD COVER (HV)	Sc :: Stratocumulus	מבו ביווי ביווי ביווי ביווי ביווי
20 : 20/20	TT: Jastiago	MELT POND PATTERN (*MPP)	LOW CLOUD COVER (LV)	Cu :: Cumulus	Nearest %
OPEN WATER (OW)	SNOW DEPTH (*SN)	cm 1:: Linked	0::0	Cn :: Cumulonimbus	
0 :: No openings	Depth of surface snow	2:: Discrete	1 :: 1/8 or less, but not 0		AIR PRESSURE (AP)
2 :: Very narrow breaks. <50m	TOPOGRAPHY TYPE (*Top)	MELT POND SURFACE TYPE (*MPT)	3::3/8	3 - 8km	Nedrescribar
3 :: Narrow breaks, 50-200m	100 :: Levelice	1 :: Frozen	4::4/8		
4 :: Wide breaks, 200-500m	200 :: Rafted Pancakes	2 :: Open	5::5/8	MEDIUM CLOUD HEIGHT (MH) km	
6: Leads	400 :: Rafting	o :: poccom ab	7 :: 7/8 or more, but not 8/8	F 47111	
7 :: Polynya	500 :: Ridges	MELT POND FREEBOARD (*MPF)	8::8/8	LOW CLOUD HEIGHT (LH) km	
8 :: Water broken only by scattered floes		Height of MP free board above MP surface		Surface - 2km	
10 :: Strips and patches	0:: 0/10	MELT POND DEPTH (*MPD)	cm WEATHER (WX)		
	1::1/10	1 :: 0-10cm	00-03 Sky Change During Past Hour	40-49 Fog at the Time of Ob	70-79 Solid Precip. Not as Showers
OTHER ICE TYPE THIN (OT)	2:: 2/10 3:: 3/10	3:: 30-50cm	> 000 :: Clouds dissolving/becoming less developed	040 :: Foe in natches	371 :: Slight fall of snow flakes, continuous
OTHER ICE TYPETHICK (TH)	4::4/10	4::>50cm	0002 :: State of sky as a whole unchanged	042 :: Fog thinning in last hour, sky discernable	072 :: Moderate fall of snow flakes, intermittent
10 :: Frazil	5::5/10	-9 :: Unknown		043 :: Fog thinning in last hour, sky not discernable	073 :: Moderate fall of snow flakes, continuous
	6::6/10	2011 1 2017 2 2011 (PART)		044 :: Fog unchanged in last hour, sky discernable 074 :: Heavy fall of snow flakes, intermittent	074 :: Heavy fall of snow flakes, intermittent
13 :: Slush	8:: 8/10	1 :: Solid	M 010 :: Mist (Visibility 1/2 nm or more)	045 :: Fog bleginning/fibiokening in last hour, sky discern076 :: Ice prisms, with/without fog	err 076 :: Ice prisms, with/without fog
20 :: Nilas	9::9/10	2 :: Some have thaw holes	011 :: Shallow fog in patches	047 :: Fog beginning/thickening in last hour, sky not dis 077 :: Snow grains, with/without fog	dis 077 :: Snow grains, with/without fog
30 :: Pancakes	10:: 10/10	3 :: All have thaw holes	012 :: Shallow fog, more or less continuous	048 :: Fog depositing rime, sky discernable	078 :: Isolated star like crystals
50 :: Young Grey Ice, 10-15cm	RIDGE HEIGHT (*RH)	DRIED ICES (* MDI)	14.16 Procinitation not at ship	049 :: Fog depositing rithe, sky not discernable	079:: Ice pellets
60 :: First Year. < 70cm	To nearest half meter	ROTTEN ICE? (*MRI)	014 :: Precipitation in sight, not reaching surface	50-59 Drizzle	80-84 Rain Showers
70 :: First Year, 70-120cm		Yes :: True		050 :: Slight drizzle, intermittent	080 :: Slight rain showers
80 :: First Year, > 120cm		No :: False	016 :: Precipitation within 3nm, reaching surface	051 :: Slight drizzle, continuous	081 :: Moderate or heavy rain showers
75 :: Second Year	TOPO FEATURE CONSOLIDATED? (*Cs)			052 :: Moderate drizzle, intermittent	082 :: Violent rain showers
85 :: Multiyear	YOS :: True	AIGAECONC (*A)	20-29 Past Hour but NOT at Ob	053 :: Moderate drizzle, continuous	083 :: Slight showers of rain and snow
95 :: Fast Ice	No :: False	SEDIMENT CONC. (*SD)	021 :: Rain not freezing or snow grains	055 :: Dense drizzle, continuous	con a more and most a contract and an area
		0::0%	022 :: Snow not freezing or snow grains	056 :: Freezing drizzle, slight	85-90 Solid Precipitation in Showers
ICE THICKNESS (*Z)	cm	1::<30%	023 :: Rain and snow or ice pellets	057 :: Freezing drizzle, moderate or dense	085 :: Sight snow showers
Total ice thickness in cm	I	2:: <60%	024 :: Drizzle or rain, freezing	058 :: Drizzle and rain, Signt	086 :: Moderate or neavy snow showers
FLOE SIZE (*F)		5117 0070	026 :: Showers of snow, or of rain and snow	Control of the contro	088 :: Moderate/heavy showers of soft/small hail
100 :: Pancakes		ALGAE LOCATION (*AL)	027 :: Showers of hall, or of rain and hall	60-69 Rain NOT Falling as Showers	089 :: Slight showers of hail
200 :: New sheet ice		1:: Top	028 :: Fog in past hour, not at present	060 :: Slight rain, intermittent	090 :: Moderate or heavy showers of hail
300 :: Brash/Broken ice		2 :: Middle	029:: Thunderstorm, with or without precip	061 :: Slight rain, continuous	
400 :: Cake ice, < 20m		3 :: Bottom	and an Indiana Constitutions	062 :: Moderate rain, intermittent	
600 :: Medium floes 100-500m		AIGAF DENSITY (*AD)	036 :: Drifting snow helow eye level slight/moderate	064 : Heavy rain intermittent	
700 :: Large floes, 500-2000m		0:: NotVisible	= 4	065 :: Heavy rain, continuous	
800 :: Vast floes, > 2000 m		1::Trace	-	066 :: Freezing rain, slight	
900 :: Bergy floes		2 :: Light	039 :: Blowing snow, above eye level, heavy	067 :: Freezing rain, moderate or heavy	
		4 :: Strong		069 :: Rain or drizzle and snow, moderate/heavy	
		San Calaur Chart			