

Table A		Basic Information		Fd	Wi
StationId	5	ok	StationId	A01	5
			new LocationIdentifier	A02	9
			new Source	A03	4
IndexNbr	5	ok	IndexNbr	A04	5
IndexSubNbr					
ObsRemark	WP	2			
ObsRemark	RSD	3	change		
			to TypeIndicator	A05	1
			new ODAS Number	A06	5
			new CCCC	A07	4
StationName	49	change			
			to StationName	A08	20
ObsRemark	A				
ObsRemark	HY/A				
ObsRemark	L / LH				
Note	Platform/Oil rigg	8	change		
			to FunctionDescriptor	A09	2
			new State, province, island	A10	3
CountryArea	60	delete			
CountryCode	4	change			
			to UN-3letter Country code	A11	3
RegionName	60	delete			
RegionId	1	ok	RegionId	A12	1
			new Operating country	A13	3
			new Station started	A14	5
			new Station closed	A15	5
Latitude	6	ok	Latitude	A16	6
Longitude	7	ok	Longitude	A17	7

Hha		4	ok	Hha	A18	4
HhaFlag		1	delete			
ObsRemark	C / M	1	change		A19	2
				to Location = C/M/S/L		
				new Environment	A20	2
ObsRemark	RAREP	5	change		A21	5
ObsRemark	ROCOB	5			A22	5
				to Real time reporting 1 and Real time reporting 2		
ObsRemark	METAR	5	change		A23	5
ObsRemark	M/B	3				
ObsRemark	SPECI	5				
				to Aviation reporting (METAR)		
ObsRemark	CLIMAT(C)	10	change		A24	6
ObsRemark	CLIMAT(T)					
ObsRemark	CLIMAT(CT)					
				to Climatological reporting		
				new S/R/W = RBSN	A25	1
				new C/T = RBCN	A26	1
				new G/U = GSN/GUAN	A27	1

Table B **Surface obs program**

Note	WIND ONLY	9	change		B01	4
Note	NO WIND					
Hp		4	ok	Hp	B02	4
HpFlag		1	delete			
PressureDefId		8	ok	PressureDefId	B03	8
Note	RAINGAUGE STN	17	change		B04	4
				to Param2: CVWR		

Note	MAX.MIN.TEMP	12	
ObsRemark	SOILTEMP	7	
ObsRemark	SNOW	4	
ObsRemark	SUNDUR	6	change
			to Param3: XENS

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Note	CLIMATIC STN	16	delete
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ObsRemark	RIVCUR	6	delete
ObsRemark	RIVSTG	6	delete

Note	HYDROMET	8	delete
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ObsRemark	SEATEMP	7	
ObsRemark	SEA/SWELL	9	
ObsRemark	ICE	3	
ObsRemark	TIDE	4	change
			to Param4: SWIT

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Note	NOT ON .		
ObsRemark	O/R		
Note	ON .		
Note	SUMMER		
Note	IRREG.		
Note	EXTRA OBS		
ObsRemark	A/R		
ObsRemark	DST		
ObsRemark	W/D		
Note	WINTER		
ObsRemark	{footnote}	20	
Note	SEMI-AUT		
Note	MAN/AUT		
ObsRemark	AUT	8	
SO-1		2	
SO-2		2	
SO-3		2	
SO-4		2	
SO-5		2	
SO-6		2	
SO-7		2	
SO-8		2	change

	to	SO-00	B07	3
		SO-03	B08	3
		SO-06	B09	3
		SO-09	B10	3
		SO-12	B11	3
		SO-15	B12	3
		SO-18	B13	3
		SO-21	B14	3

ObsHs	10			
ObsHs	14			
ObsHs	10			
		SO-H	B15	3

Table 3 Upper Air obs program

ObsRemark	WN			
ObsRemark	WTR	3		
UA-1		2		
UA-2		2		
UA-3		2		
UA-4		2	change	
			to	
			UT-00	C01 3
			UW-00	C02 3
			UT-06	C03 3
			UW-06	C04 3
			UT-12	C05 3
			UW-12	C06 3
			UT-18	C07 3
			UW-18	C08 3

new	UT-H	C09	3
	UW-H	C10	3

ObsRemark	RECCO	5	delete
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Table 4 Special obs

ObsRemark	GAW	3	GAW	D01	3
Note	BAPMON	6	BAP	D02	3
ObsRemark	AGRIMET	7	AGR	D03	3

Atm electricity

ObsRemark	ATMEL	5	EL = atmel	D04	2
ObsRemark	SFERIC	6	SF = sferic	D05	2
ObsRemark	LIT	3	LC = lightning counter	D06	2
ObsRemark	ATMOS	5	AT = atmospherics	D07	2

Air composition

ObsRemark	OZONE	5	OZ = ozone	D08	2
ObsRemark	RADSAMP	7	RS = radioactive sampling	D09	2
ObsRemark	CARBON DIOXYDE	14	CO = carbon dioxyde	D10	2
Note	ACIDRAIN	8	AR = acid rain	D11	2

Geophysical

ObsRemark	SEISMO	6	SE = Seismo	D12	2
ObsRemark	VOLCANO	7	VO = Volcano	D13	2
ObsRemark	MAGNET	6	MG = Magnet	D14	2
ObsRemark	IONOS	5	IO = ionospheric obs	D15	2
ObsRemark	EARTH CURRENT	13	EC = earth current	D16	2

Special obs

ObsRemark	AUR	3	AU = aurora	D17	2
ObsRemark	ICE NUCLEI	10	IN = ice nuclei	D18	2
ObsRemark	MONT	4	MO = mont	D19	2
ObsRemark	NEPH	4	NE = nephoscope	D20	2
ObsRemark	NLC	3	NL = noctilucent clouds	D21	2

Agricultural

ObsRemark	PH	2	PH = phenological obs	D22	2
ObsRemark	EVAP	4	EV = evaporation	D23	2

Radiation

ObsRemark	RAD	3	RA = unspecified	D24	2
ObsRemark	NOCTRA	6	NO = nocturnal	D25	2
ObsRemark	SKYRA	5	SK = sky	D26	2
ObsRemark	SOLRA	5	SO = solar	D27	2
ObsRemark	TOTRA	5	TO = total	D28	2
Note	UV-B	4	UV = UV-B	D29	2
ObsRemark	COSRA	5	CO = cosmic	D30	2
ObsRemark	GAMMA RAY	9	GR = gamma ray	D31	2

Forecasting

ObsRemark	R/F(C)	3	delete
Note	TAFOR	5	delete
ObsRemark	TI/WA/FC	8	delete
ObsRemark	HU/FC	5	delete

Telecom

Note	VIA ARGOS	9	delete
Note	VIA GOES-E	10	delete
Note	DCP	3	delete

Miscellaneous

ObsRemark	WGI		delete
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Table 5 **Aviation services** to be developed

Table 6 **Methods of surface observing** to be developed

Table 7 **Methods of upper air observing** to be developed

Table 8 **Methods of radar observing** to be developed