



Flight Briefing Package

TCC904A KMSP-CYVR

13-Apr-2024 #1

RELEASE #1

MINNEAPOLIS-ST PAUL INTL/WOLD-
(UNITED STATES)

-

VANCOUVER INTL
(CANADA)

PREPARED BY CHRISTIAN BREUER (TCA2984)

CHRISTIAN@TCA-CHARTER.DE

13 APR 1107 UTC

TCC904A KMSP-CYVR (13-Apr-2024) #1

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC904A PJTGC KMSP-CYVR

ALL WEIGHTS IN KILOGRAMS (KG) STD 13APR/1210Z

OPF 1 - PREPARED 13APR/1107Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR904A/TCC904A PJTGC/B777-2LR GE SEL/SALH ROUTE: KMSPCYVR01

DEP: KMSP/MSP 17 ELEV 842 FT COST INDEX: 250 TTL G/C DIST: 1244 NM
ARR: CYVR/YVR 26R ELEV 13 FT INIT ALT: FL400 TTL F/P DIST: 1289 NM
FUEL BIAS: 102.5% TTL AIR DIST: 1400 NM
AVG WIND CMP: HD036 KT

ALT: KSEA/SEA 34R ELEV 432 FT 133 NM

CONFIG	DOW	PAX	CARGO	TOTAL	ULOAD LIM	ZFW	TOW	LDW
STANDARD	156746	0	1	1	52359 ZFW	MAX 209106	261889	223167
						PLN 156747	185045	166944
						ACT .....	.....	.....

** TAKE-OFF DATA KMSP 17 **

COND: 185045 KG // RWY DRY // +6•C Q1017 250/04 // LMT: STRUCT
CONFIG: FLAPS 5 // D-T02 +69C // A/I OFF/AUTO // A/C ON
SPEEDS: V1=121 VR=136 V2=136
ENG OUT: NONE

	FUEL	CORR	ENDUR	
TRIP	18101	.....	03:02	
CONT 5%	905	.....	00:10	
ALTN KSEA	3150	.....	00:27	
FINAL RESV	2631	.....	00:30	
HOLD	1758	.....	00:20	
ADD FUEL	435	.....	00:05	
MIN T/O	26980	.....	04:34	.....
EXTRA	1318	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1005	.....	00:15	
RELEASE	29303	.....	05:04	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	9527	.....	01:37	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 162613 KG / MAX EXTRA FUEL 57541 KG LIM BY LDW
TRIP CORR FOR 5000 KG TOW INCR: +350 KG / 5000 KG TOW DECR: -571 KG
2000 FT LOWER: +585 KG / EET 03:02 CLB: 250/310/84 DES: 84/320/250

KMSP	STD 12:10Z/07:10L	ETD 12:10Z	ACT OFBL	EST T/O 12:25Z	ACT T/O
CYVR	STA 15:55Z/08:55L	ETA 15:37Z	ACT ONBL	EST LDG 15:27Z	ACT LDG
	SKD 03:45	PLN 03:27	TTL BLCK	EST FLT 03:02	TTL FLT

ATC ROUTE: N0488F400 SMERF7 SMERF DCT KP09A DCT KU12W DCT COKEE DCT MLP J136
HILIE/N0486F430 J136 GEG DCT METOW GRIZZ7

ALTERNATE PLANNING

ALTN/RWY	DIST	ALT/FL	MSA	COMP	TIME	FUEL	DIFF	ROUTE
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KSEA/34R 133 17000 113 HD002 00:27 3150 - YVR MARNR7

MOST CRITICAL MORA 13000 FT AT ILSAA

AWY -FIR	WAYPOINT NAME	MT	ALT	MSA ISA	FREQ WND/SPD	TAS GS	LEG REM	FUEL REM / USED POSITION	LEG ETO / ATO	ACC
	KMSP/17 MINNEAPOLIS-ST PAUL		842	036				28.3 / 1.0 N4453.3 W09314.5/.....	
SMERF7	ZOGAP	295	*CLB	036 M01	298/054		32 1257	25.9 / 3.4 N4505.3 W09352.6	07 00.07/.....	
SMERF7	PAGOZ	289	*CLB	036 M03	290/048		18 1239	25.3 / 4.0 N4511.3 W09417.3	02 00.09/.....	
SMERF7	SMERF	288	FL400	047 M03	276/052	488 436	145 1094	23.2 / 6.1 N4555.3 W09734.1	20 00.29/.....	
DCT	KP09A	287	FL400	047 M03	276/052	488 437	107 987	21.8 / 7.5 N4630.0 W10000.0	15 00.44/.....	
	KBIL	277	FL400	046 M03	285/049		63 924	20.9 / 8.4 N4642.3 W10130.0	09 00.53/.....	
DCT -KZLC	*BDRY	275	FL400	059 M03	266/049	488 439	70 854	20.0 / 9.3 N4654.5 W10310.1	09 01.02/.....	
DCT	KU12W	273	FL400	059 M03	268/047	488 441	35 820	19.6 / 9.7 N4700.0 W10400.0	05 01.07/.....	
DCT	COKEE	274	FL400	059 M02	271/050	490 440	119 701	18.0 / 11.3 N4722.4 W10651.8	16 01.23/.....	
DCT -KZSE	*BDRY	265	FL400	120 M03	264/028	488 457	331 370	13.9 / 15.4 N4728.4 W11500.3	44 02.07/.....	
DCT	MLP MULLAN PASS	255	FL400	099 M03	117.80 259/027	488 461	26 343	13.5 / 15.8 N4727.4 W11538.8	04 02.11/.....	
	CYVR	262	FL400	099 M03	239/029		19 324	13.3 / 16.0 N4729.2 W11607.5	02 02.13/.....	
J136	HILIE	262	*CLB	092 M04	255/023		23 301	13.0 / 16.3 N4731.1 W11641.4	03 02.16/.....	
J136	*TOC	261	FL430	092 M02	253/020	486 466	12 289	12.8 / 16.4 N4732.1 W11659.6	02 02.18/.....	
J136	GEG SPOKANE	261	FL430	092 M02	115.50 251/018	486 469	26 263	12.5 / 16.8 N4733.9 W11737.6	03 02.21/.....	
DCT	METOW	276	FL430	122 M02	252/009	486 478	107 155	11.3 / 18.0 N4808.0 W12009.0	14 02.35/.....	
GRIZZ7	*TOD	270	FL430	122 M02	254/007	486 479	34 121	10.9 / 18.4 N4816.6 W12058.2	04 02.39/.....	

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GRIZZ7	ILSAA	270	*DES 130 M02 242/019	31 91	10.9 / 18.4 N4824.0 W12142.9	04/.....	02.43
GRIZZ7	PIZZE	291	*DES 130 P01 247/022	20 71	10.8 / 18.5 N4835.7 W12207.3	03/.....	02.46
GRIZZ7	EGRET	280	*DES 094 P02 254/017	17 54	10.8 / 18.5 N4842.7 W12230.6	02/.....	02.48
GRIZZ7	GOVAV	293	*DES 094 P01 227/007	21 33	10.7 / 18.6 N4855.3 W12255.1	04/.....	02.52
GRIZZ7 -CZVR	OVBIN	293	*DES 094 M00 224/005	4 29	10.6 / 18.7 N4857.8 W12300.2	01/.....	02.53
GRIZZ7	*BDRY	347	*DES 113 M01 222/004	2 27	10.6 / 18.7 N4900.0 W12300.1	00/.....	02.53
GRIZZ7	KEPGI	347	*DES 115 M02 215/002	4 23	10.6 / 18.7 N4904.5 W12259.9	01/.....	02.54
GRIZZ7	PMSU	076	*DES 115 M04 100/000	7 16	10.5 / 18.8 N4904.3 W12249.8	02/.....	02.56
GRIZZ7	CYVR/26R VANCOUVER INTL	286	13 115	16	10.2 / 19.1 N4912.0 W12309.6	06/.....	03.02

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WIND INFORMATION - OBS 13/APR 06:00

(CLIMB) **KP09A** **KU12W** **COKEE**
FL390 289/055 -60 FL440 276/046 -54 FL440 265/043 -55 FL440 268/041 -55
FL310 297/053 -49 FL420 276/049 -56 FL420 267/046 -57 FL420 270/046 -57
FL230 299/052 -30 FL400 276/053 -59 FL400 268/048 -60 FL400 271/050 -59
15000 293/042 -12 FL380 276/055 -61 FL380 271/050 -61 FL380 273/054 -59
7000 256/024 +3 FL360 277/053 -59 FL360 276/049 -58 FL360 275/055 -58

MLP **GEG** **(DESCENT)**
FL440 256/024 -58 FL470 250/019 -57 FL420 281/014 -59
FL420 258/025 -59 FL450 252/018 -57 FL330 264/018 -52
FL400 260/027 -60 FL430 251/018 -58 FL250 253/019 -34
FL380 261/029 -60 FL410 249/019 -59 16000 271/021 -14
FL360 261/028 -58 FL390 248/019 -61 8000 243/005 -3

END FLIGHTPLAN 01940 TCC904A PJTGC KMSB-CYVR 13APR2024

TCC904A K MSP-CYVR (13-Apr-2024) #1

[ATC FLIGHTPLAN]

(FPL-TCC904A-IS
-B77L/H-SDE1FGHIJ1J5M1RWXY/LB2
-K MSP1210
-N0488F400 SMERF7 SMERF DCT KP09A DCT KU12W DCT COKEE DCT MLP
J136 HILIE/N0486F430 J136 GEG DCT METOW GRIZZ7
-CYVR0302 KSEA
-PBN/A1B1C1D1L101S2 NAV/RNVD1E2A1 DOF/240413 REG/PJTGC
EET/KZLC0102 KZSE0207 CZVR0253
SEL/SALH CODE/484DC5 RVR/75 OPR/TRADEWIND CARIBBEAN
ORGN/TNCCTCAP PER/C
RMK/TCAS
-E/0449)

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[PLANNING WEATHER]

ORIGIN: KMSP/MSP (MINNEAPOLIS-ST PAUL INTL/WOLD-, UNITED STATES) UTC -05:00

KMSP 130953Z 09003KT 10SM CLR 06/02 A3004 RMK A02 SLP174 T00610017
KMSP 130832Z 1309/1412 25004KT P6SM SKC
FM131400 16007KT P6SM SKC
FM131900 21015G25KT P6SM FEW150
FM140000 22008KT P6SM SCT250

DESTINATION: CYVR/YVR (VANCOUVER INTL, CANADA) UTC -07:00

CYVR 131000Z 30015G21KT 15SM SKC 08/07 A2991 RMK SLP131
CYVR 130840Z 1309/1412 30015KT P6SM SKC
FM131200 30010KT P6SM FEW006
FM131700 30015KT P6SM SKC
BECMG 1405/1407 30008KT
RMK NXT FCST BY 131200Z

ALTERNATE: KSEA/SEA (SEATTLE-TACOMA INTL, UNITED STATES) UTC -07:00

KSEA 130953Z 02003KT 10SM CLR 07/03 A2989 RMK A02 SLP129 T00670033
KSEA 130859Z 1309/1412 01005KT P6SM SCT200
FM131800 35012KT P6SM SCT200
FM140600 03006KT P6SM SCT200

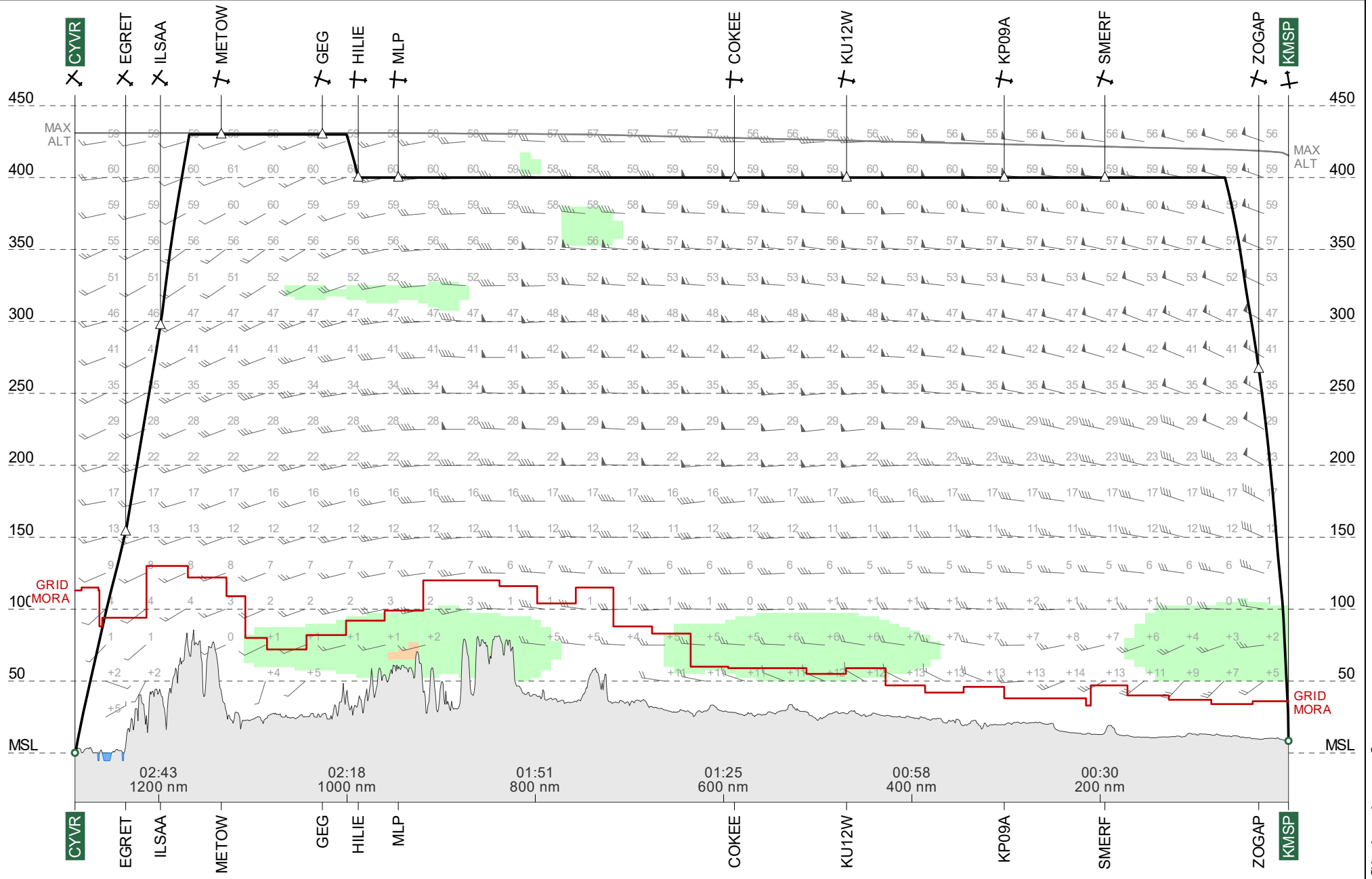
ADEQUATE: KBIL/BIL (BILLINGS LOGAN INTL, UNITED STATES) UTC -06:00

KBIL 130953Z 25009KT 10SM SCT095 BKN120 15/01 A2979 RMK A02 SLP061
T01500006
KBIL 130535Z 1306/1406 24009KT P6SM FEW150 SCT250
FM131700 32011KT P6SM FEW150 FEW250
FM140000 VRB06KT P6SM VCSH FEW150 FEW250

TR904A #1

CYVR ← — KMSp

ETD 13 Apr 12:10z
PJTGC B77L

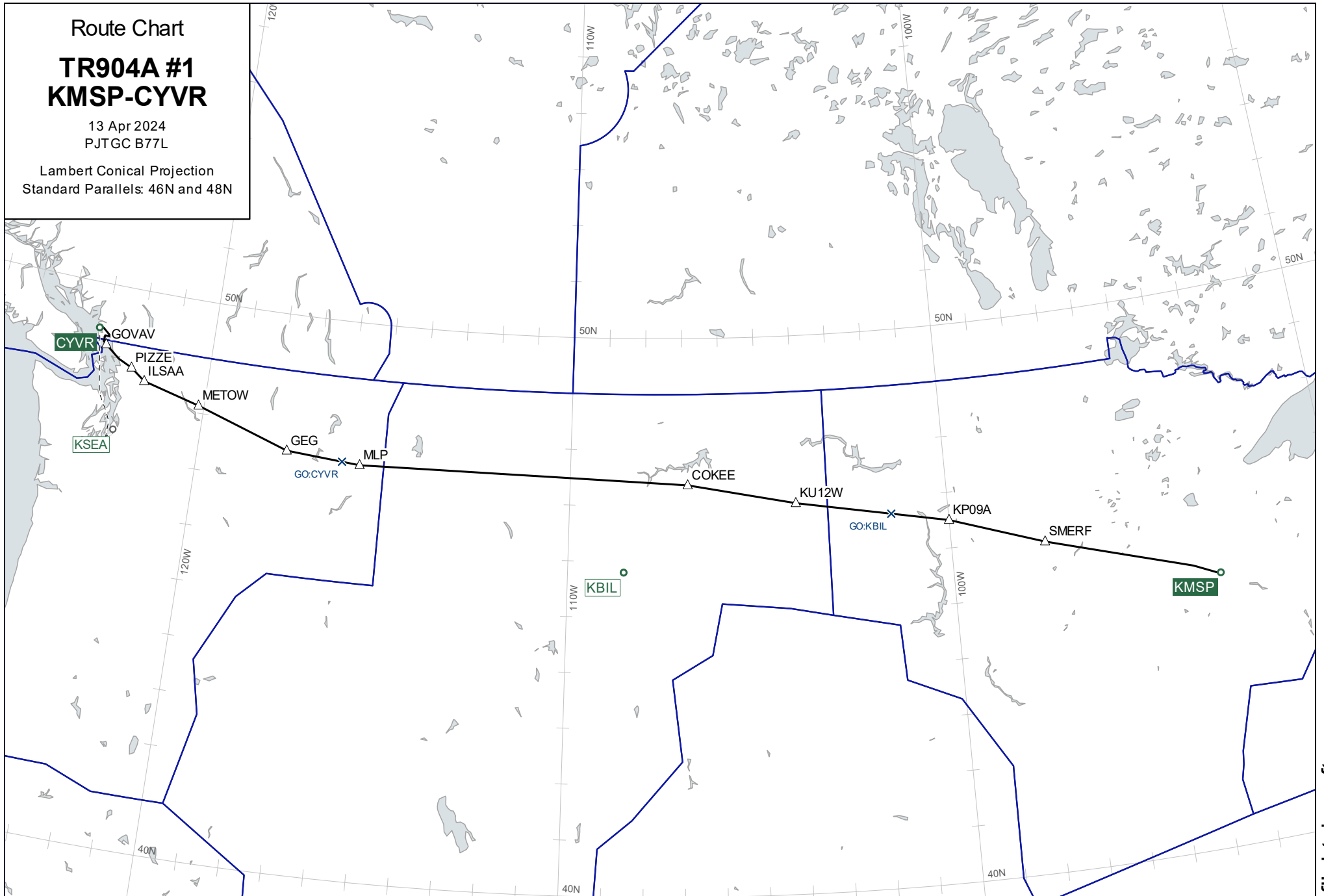


Route Chart

TR904A #1
KMSP-CYVR

13 Apr 2024
PJTGC B77L

Lambert Conical Projection
Standard Parallels: 46N and 48N



Wind Chart

FL400

**TR904A #1
KMSB-CYVR**

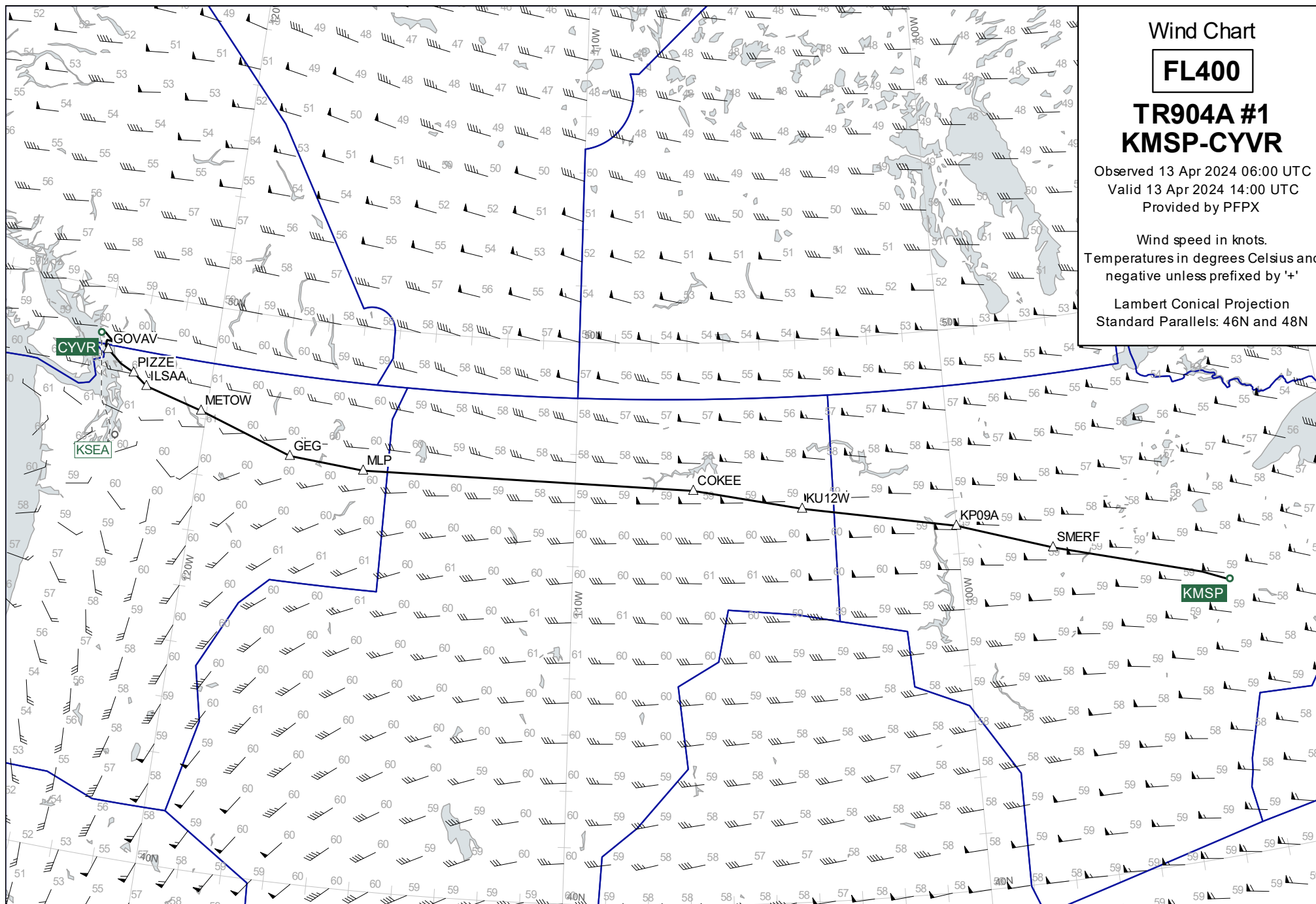
Observed 13 Apr 2024 06:00 UTC

Valid 13 Apr 2024 14:00 UTC

Provided by PFPX

Wind speed in knots.
Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 46N and 48N



Wind Chart

FL360

TR904A #1
KMSP-CYVR

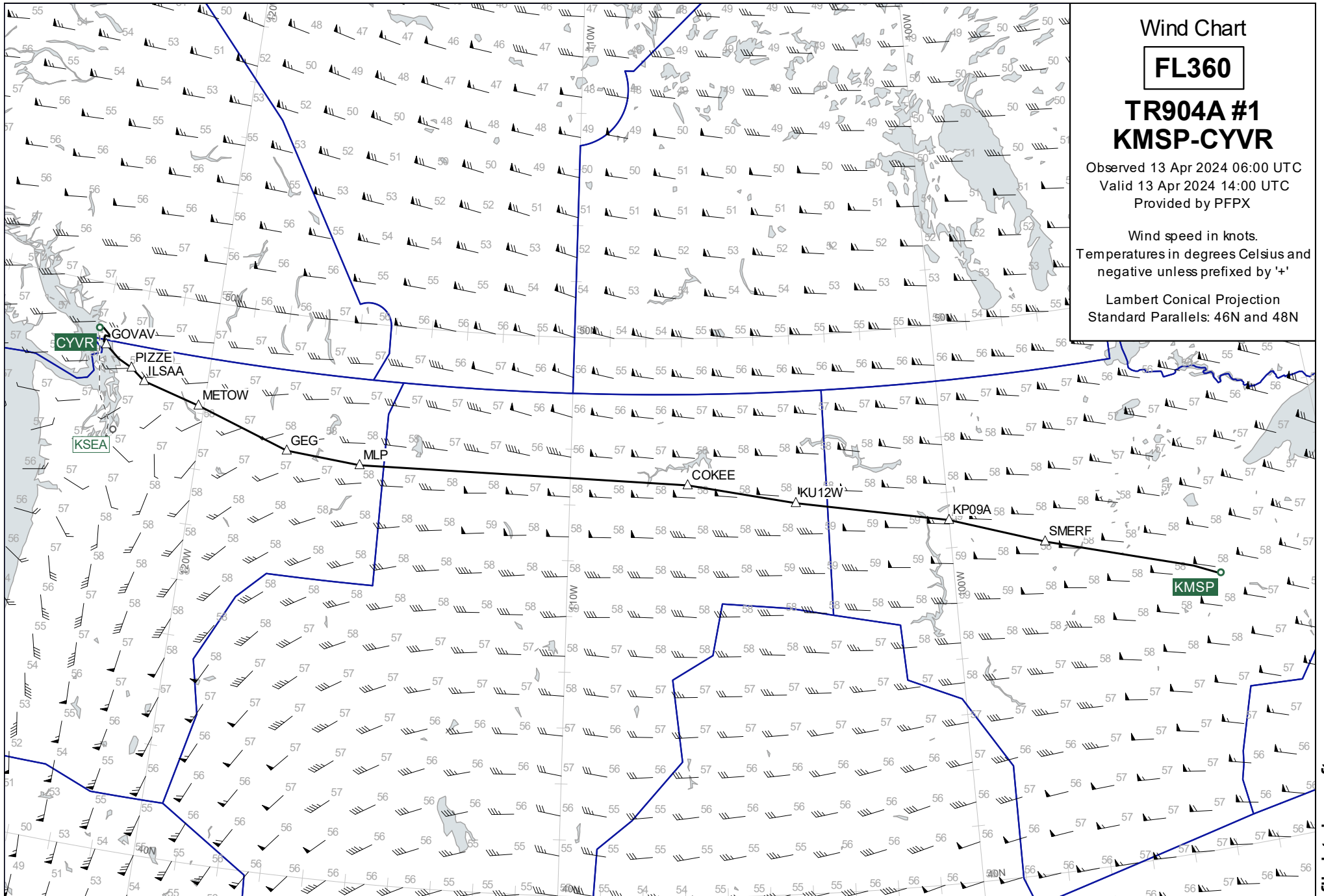
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Wind speed in knots.
Temperatures in degrees Celsius and
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Lambert Conical Projection
Standard Parallels: 46N and 48N



Wind Chart

FL440

**TR904A #1
KMSP-CYVR**

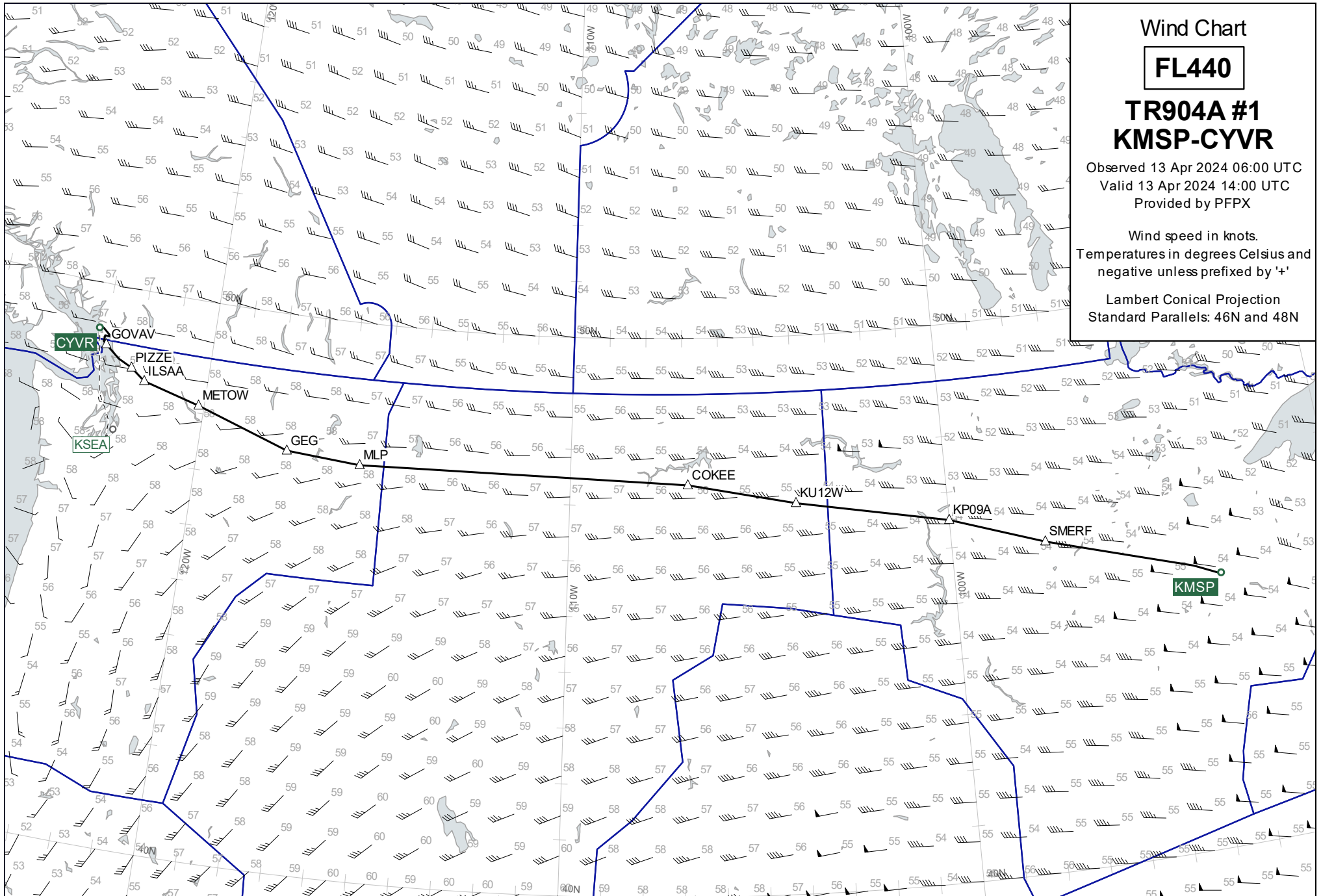
Observed 13 Apr 2024 06:00 UTC

Valid 13 Apr 2024 14:00 UTC

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Lambert Conical Projection
Standard Parallels: 46N and 48N



Destination Area

17000

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Observed 13 Apr 2024 06:00 UTC
Valid 13 Apr 2024 15:00 UTC
Provided by PFPX

Wind speed in knots.

Temperatures in degrees Celsius and
negative unless prefixed by '+'

Lambert Conical Projection
Standard Parallels: 48N and 49N

