



## **Flight Briefing Package**

**TCC904C 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 1111 UTC

**TCC904C KMSP-CYVR (13-Apr-2024) #1**

TRADEWIND CARIBBEAN FLIGHTPLAN - IFR TCC904C PJTGH KMSP-CYVR

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 ALL WEIGHTS IN KILOGRAMS (KG) STD 13APR/1220Z  
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OPF 1 - PREPARED 13APR/1111Z BY CHRISTIAN BREUER (TCA2984) CHRISTIAN@TCA-CHARTER.DE

TR904C/TCC904C PJTGH/B777-300ER SEL/EGAS 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

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<b>CONFIG</b>	<b>DOW</b>	<b>PAX</b>	<b>CARGO</b>	<b>TOTAL</b>	<b>ULOAD LIM</b>		<b>ZFW</b>	<b>TOW</b>	<b>LDW</b>
STANDARD	167541	0	1	1	70140 ZFW	<b>MAX</b>	237682	351534	251290
						<b>PLN</b>	167542	197069	178100
						<b>ACT</b>	.....	.....	.....

	<b>FUEL</b>	<b>CORR</b>	<b>ENDUR</b>	
TRIP	18969	.....	03:07	
CONT 5%	948	.....	00:11	
ALTN KSEA	3334	.....	00:30	
FINAL RESV	2673	.....	00:30	
HOLD	1788	.....	00:20	
ADD FUEL	474	.....	00:05	
<b>MIN T/O</b>	<b>28186</b>	.....	<b>04:42</b>	.....
EXTRA	1341	.....	00:15	CAPTAINS SIGNATURE (....)
TAXI	1035	.....	00:15	
<b>RELEASE</b>	<b>30562</b>	.....	<b>05:12</b>	I ACCEPT THIS OPF AND I AM FAMILIAR
ARR FUEL	9868	.....	01:40	WITH THE PLANNED ROUTE AND AERODROMES

FUEL TANK CAP 145524 KG / MAX EXTRA FUEL 74531 KG LIM BY LDW  
 TRIP CORR FOR 5000 KG TOW INCR: +303 KG / 5000 KG TOW DECR: -282 KG  
 2000 FT LOWER: +501 KG / EET 03:07 CLB: 250/310/.84 DES: .84/280/250

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KMSP	STD 12:20Z/07:20L	ETD 12:20Z	ACT OFBL ....	EST T/O 12:35Z	ACT T/O ....
CYVR	STA 16:05Z/09:05L	ETA 15:52Z	ACT ONBL ....	EST LDG 15:42Z	ACT LDG ....
	SKD 03:45	PLN 03:32	TTL BLCK ....	EST FLT 03:07	TTL FLT ....

ATC ROUTE: N0487F400 SMERF7 SMERF DCT KP09A DCT KU12W DCT COKEE DCT MLP J136  
 GEG DCT METOW GRIZZ7

**ALTERNATE PLANNING**

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<b>ALTN/RWY</b>	<b>DIST</b>	<b>ALT/FL</b>	<b>MSA</b>	<b>COMP</b>	<b>TIME</b>	<b>FUEL</b>	<b>DIFF</b>	<b>ROUTE</b>
KSEA/34R	133	17000	113	HD002	00:30	3334	-	YVR MARNR7

MOST CRITICAL MORA 13000 FT AT ILSAA

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<b>AWY</b>	<b>WAYPOINT</b>	<b>MT</b>	<b>ALT</b>	<b>MSA</b>	<b>FREQ</b>	<b>TAS</b>	<b>LEG</b>	<b>FUEL REM / USED</b>	<b>LEG</b>	<b>ACC</b>
-FIR	NAME		ISA	WND/SPD	GS	REM	POSITION	ETO / ATO		
	KMSP/17		842	036				29.5 / 1.0		
	MINNEAPOLIS-ST PAUL					1289	N4453.3 W09314.5	...../.....		

**TCC904C KMSPP-CYVR (13-Apr-2024) #1**

SMERF7	ZOGAP	295	*CLB 036	32	27.0 / 3.6	07	00.07
			M01 298/053	1257	N4505.3 W09352.6	...../.....	
SMERF7	PAGOZ	289	*CLB 036	18	26.3 / 4.2	02	00.09
			M03 292/050	1239	N4511.3 W09417.3	...../.....	
SMERF7	*TOC	288	FL400 034	487 25	25.7 / 4.9	04	00.13
			M02 286/052	433 1214	N4519.4 W09451.1	...../.....	
SMERF7	SMERF	287	FL400 047	487 120	24.0 / 6.5	16	00.29
			M03 277/052	435 1094	N4555.3 W09734.1	...../.....	
DCT	KP09A	287	FL400 047	487 107	22.6 / 8.0	15	00.44
			M03 276/052	436 987	N4630.0 W10000.0	...../.....	
	KBIL	277	FL400 046	63	21.7 / 8.9	09	00.53
			M03 286/049	924	N4642.3 W10130.0	...../.....	
DCT	*BDRY	275	FL400 059	487 70	20.8 / 9.8	09	01.02
-KZLC			M03 266/049	437 854	N4654.5 W10310.1	...../.....	
DCT	KU12W	273	FL400 059	487 35	20.3 / 10.3	05	01.07
			M03 268/047	439 820	N4700.0 W10400.0	...../.....	
DCT	COKEE	274	FL400 059	488 119	18.7 / 11.9	16	01.23
			M02 271/049	439 701	N4722.4 W10651.8	...../.....	
DCT	*BDRY	265	FL400 120	487 331	14.4 / 16.2	45	02.08
-KZSE			M03 264/028	456 370	N4728.4 W11500.3	...../.....	
DCT	MLP	255	FL400 099	117.80 487 26	14.1 / 16.5	03	02.11
	MULLAN PASS		M03 258/027	459 343	N4727.4 W11538.8	...../.....	
	CYVR	262	FL400 099	19	13.8 / 16.7	03	02.14
			M03 239/029	324	N4729.2 W11607.5	...../.....	
J136	HILIE	262	FL400 092	486 23	13.5 / 17.0	03	02.17
			M04 253/023	462 301	N4731.1 W11641.4	...../.....	
J136	GEG	261	FL400 092	115.50 486 38	13.1 / 17.5	05	02.22
	SPOKANE		M04 247/018	468 263	N4733.9 W11737.6	...../.....	
DCT	METOW	276	FL400 122	486 107	11.8 / 18.8	13	02.35
			M04 247/010	477 155	N4808.0 W12009.0	...../.....	
GRIZZ7	*TOD	270	FL400 122	486 30	11.4 / 19.1	04	02.39
			M04 246/010	478 126	N4815.6 W12052.2	...../.....	
GRIZZ7	ILSAA	270	*DES 130	35	11.3 / 19.2	05	02.44
			M02 241/021	91	N4824.0 W12142.9	...../.....	
GRIZZ7	PIZZE	291	*DES 130	20	11.3 / 19.3	04	02.48
			P01 247/022	71	N4835.7 W12207.3	...../.....	
GRIZZ7	EGRET	280	*DES 094	17	11.2 / 19.4	03	02.51
			P03 254/019	54	N4842.7 W12230.6	...../.....	

**TCC904C KMSP-CYVR (13-Apr-2024) #1**

GRIZZ7	<b>GOVAV</b>	293	*DES 094	21	11.0 / 19.5	05	02.56
			P01 233/008	33	N4855.3 W12255.1	...../.....	
GRIZZ7	<b>OVBIN</b>	293	*DES 094	4	11.0 / 19.6	01	02.57
	-CZVR		P00 225/006	29	N4857.8 W12300.2	...../.....	
GRIZZ7	<b>*BDRY</b>	347	*DES 113	2	11.0 / 19.6	00	02.57
			M01 223/005	27	N4900.0 W12300.1	...../.....	
GRIZZ7	<b>KEPGI</b>	347	*DES 115	4	11.0 / 19.6	01	02.58
			M02 218/003	23	N4904.5 W12259.9	...../.....	
GRIZZ7	<b>PEMSU</b>	076	*DES 115	7	10.9 / 19.7	02	03.00
			M03 173/000	16	N4904.3 W12249.8	...../.....	
GRIZZ7	<b>CYVR/26R</b>	286	13 115	16	10.6 / 20.0	07	03.07
	VANCOUVER INTL				N4912.0 W12309.6	...../.....	

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**TCC904C KMSB-CYVR (13-Apr-2024) #1**

**WIND INFORMATION - OBS 13/APR 06:00**

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**(CLIMB)**                      **KP09A**                      **KU12W**                      **COKEE**  
FL390 289/055 -60    FL440 276/046 -54    FL440 266/043 -55    FL440 269/041 -55  
FL310 296/053 -49    FL420 276/049 -56    FL420 267/045 -57    FL420 270/045 -57  
FL230 298/052 -30    FL400 276/053 -59    FL400 269/048 -60    FL400 271/050 -59  
15000 292/041 -12    FL380 277/055 -61    FL380 272/049 -61    FL380 273/053 -59  
7000 255/024 +3    FL360 277/053 -59    FL360 277/049 -58    FL360 275/055 -58

**MLP**                      **GEG**                      **(DESCENT)**  
FL440 255/023 -58    FL440 251/018 -58    FL390 283/018 -62  
FL420 257/025 -59    FL420 249/018 -59    FL310 265/017 -48  
FL400 259/027 -60    FL400 247/019 -60    FL230 252/021 -29  
FL380 260/029 -60    FL380 245/020 -60    15000 268/019 -13  
FL360 260/028 -58    FL360 243/023 -57    7000 248/003 -2

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**END FLIGHTPLAN 01942 TCC904C PJTGH KMSB-CYVR 13APR2024**

## TCC904C KMSP-CYVR (13-Apr-2024) #1

### [ATC FLIGHTPLAN]

(FPL-TCC904C-IS

-B77W/H-SDE1FGHIJ1M1RWXY/LB2

-KMSP1220

-N0487F400 SMERF7 SMERF DCT KP09A DCT KU12W DCT COKEE DCT MLP

J136 GEG DCT METOW GRIZZ7

-CYVR0307 KSEA

-PBN/A1B1C1D1L101S1 NAV/RNVD1E2A1 DOF/240413 REG/PJTGH

EET/KZLC0102 KZSE0208 CZVR0257

SEL/EGAS CODE/48417D RVR/75 OPR/TRADEWIND CARIBBEAN

ORGN/TNCCTCAP PER/D

RMK/TCAS

-E/0457)

## TCC904C KMSP-CYVR (13-Apr-2024) #1

[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

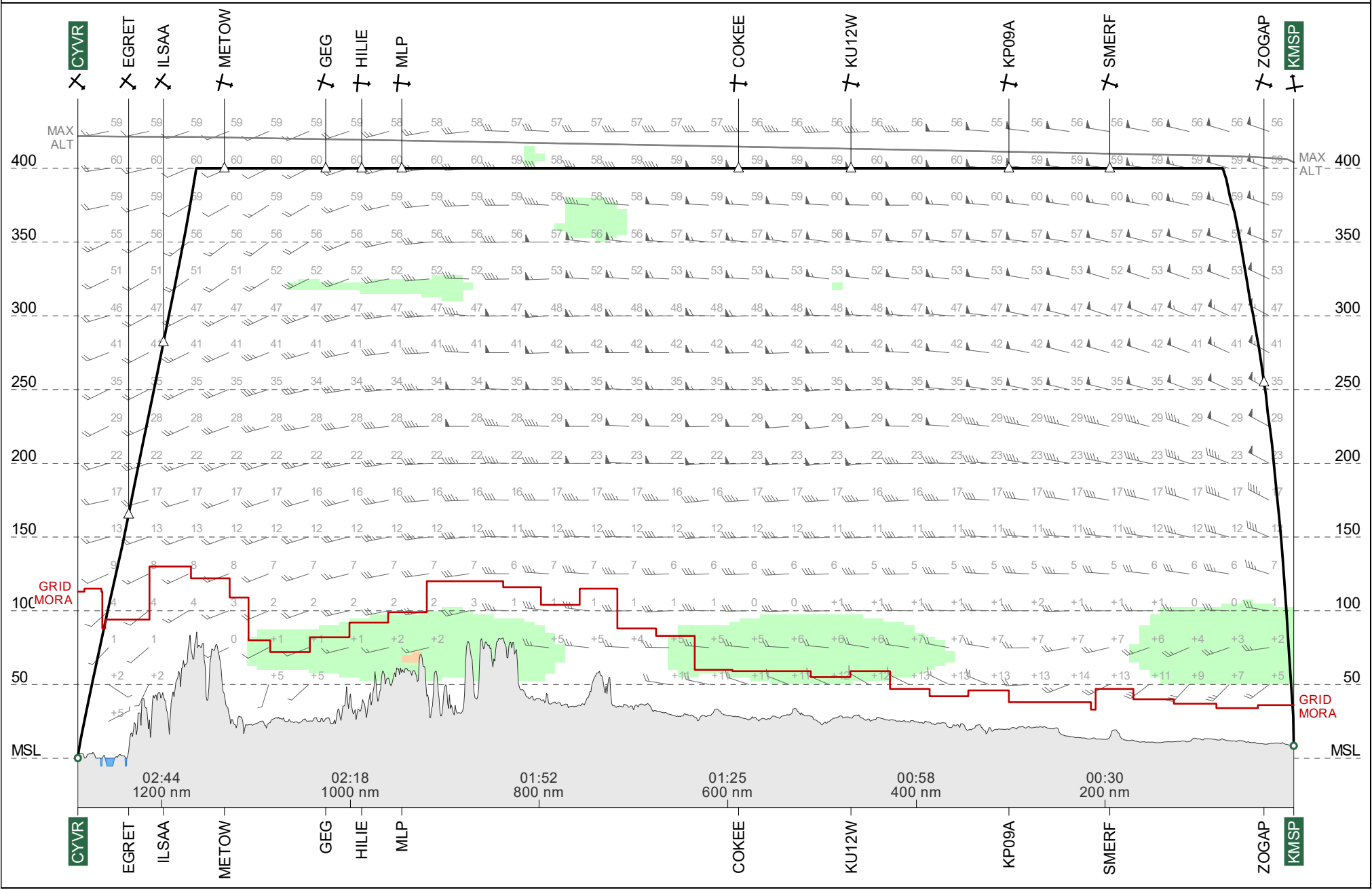
**ADEQUATE: KBIL/BIL (BILLINGS LOGAN INTL, UNITED STATES) UTC -06:00**

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

# TR904C #1

## CYVR ← — KMSP

ETD 13 Apr 12:20z  
PJTGH B77W



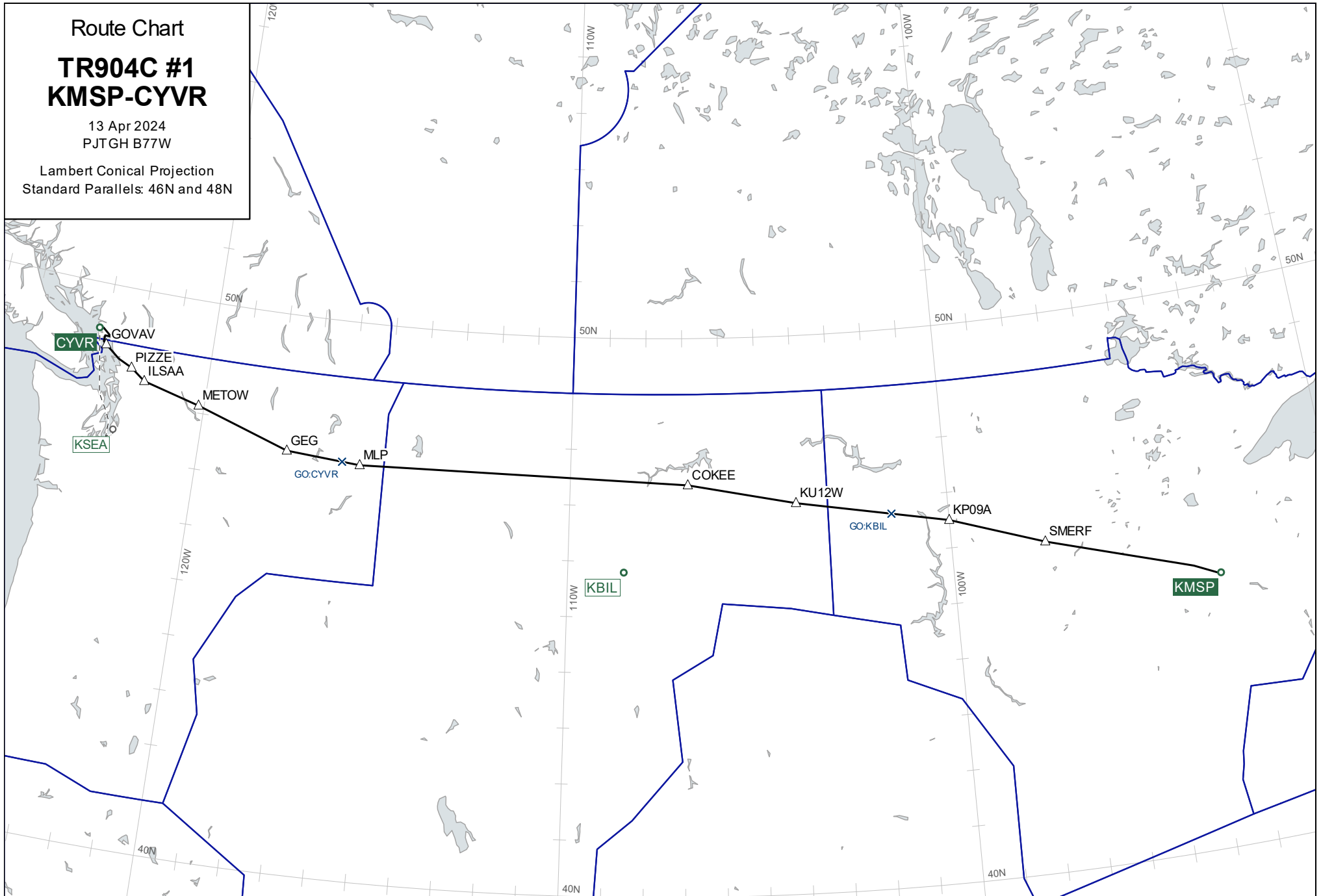


Route Chart

**TR904C #1**  
**KMSP-CYVR**

13 Apr 2024  
PJTGH B77W

Lambert Conical Projection  
Standard Parallels: 46N and 48N



Wind Chart

**FL400**

**TR904C #1**  
**KMSP-CYVR**

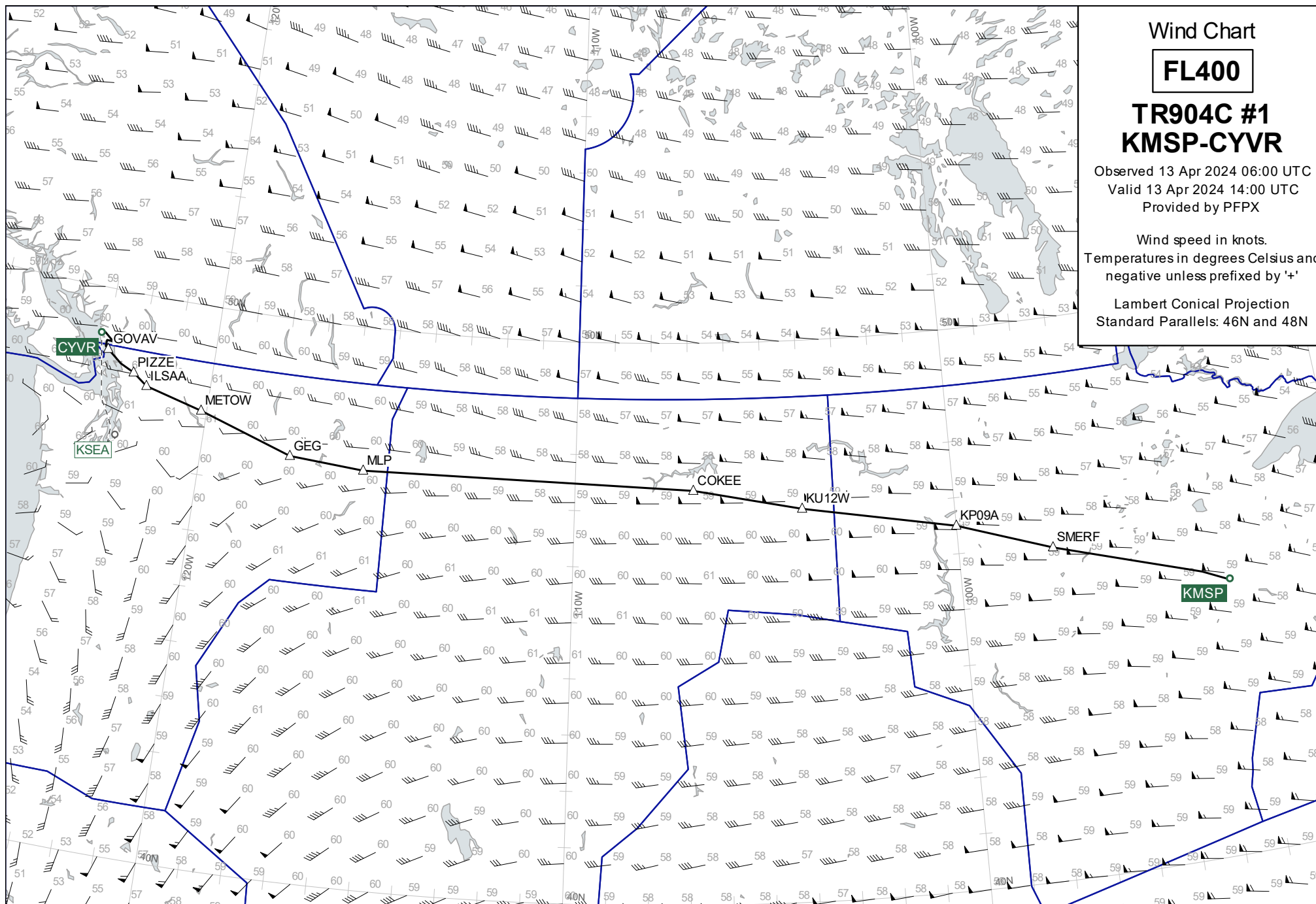
Observed 13 Apr 2024 06:00 UTC

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**

**TR904C #1**  
**KMSP-CYVR**

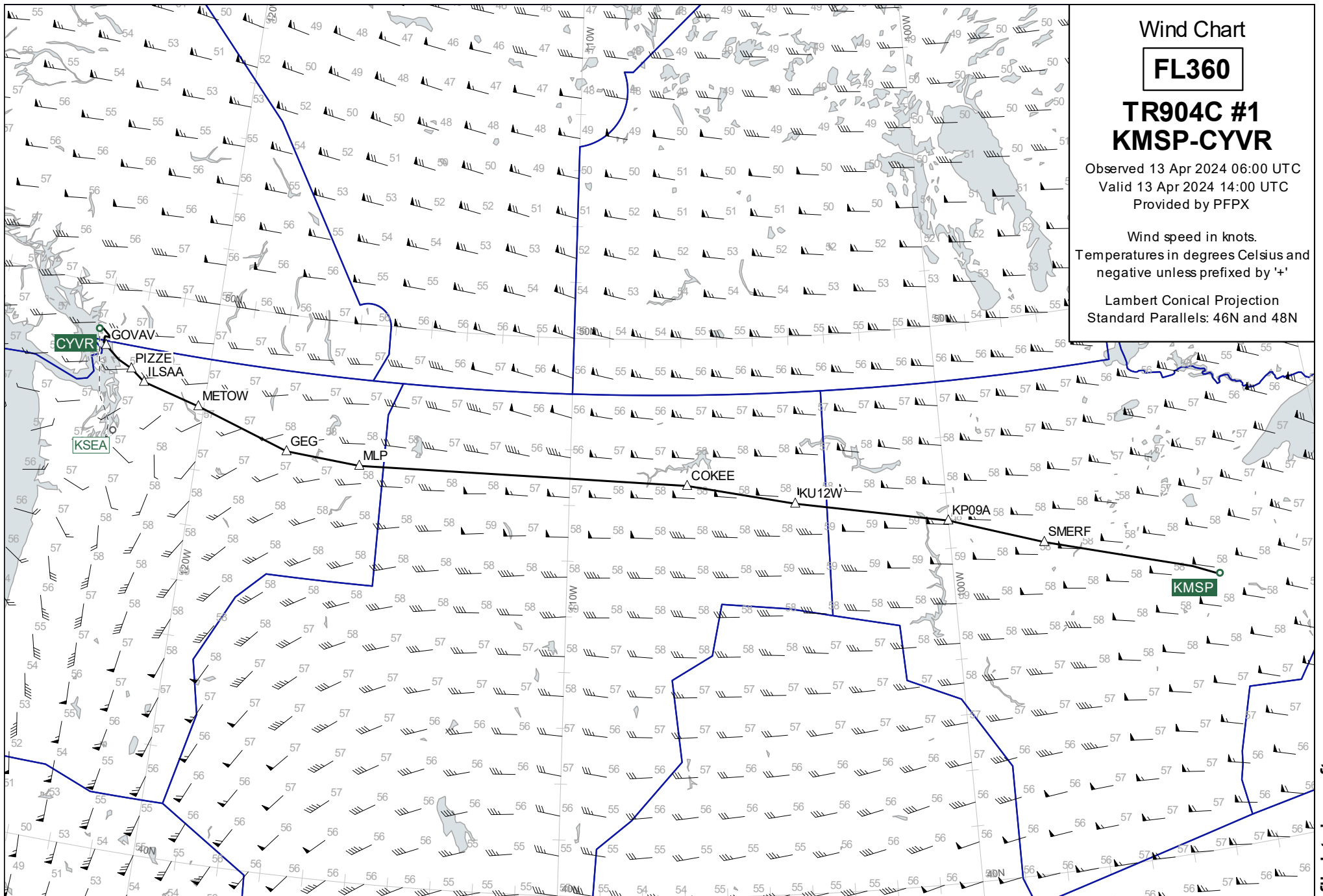
Observed 13 Apr 2024 06:00 UTC

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

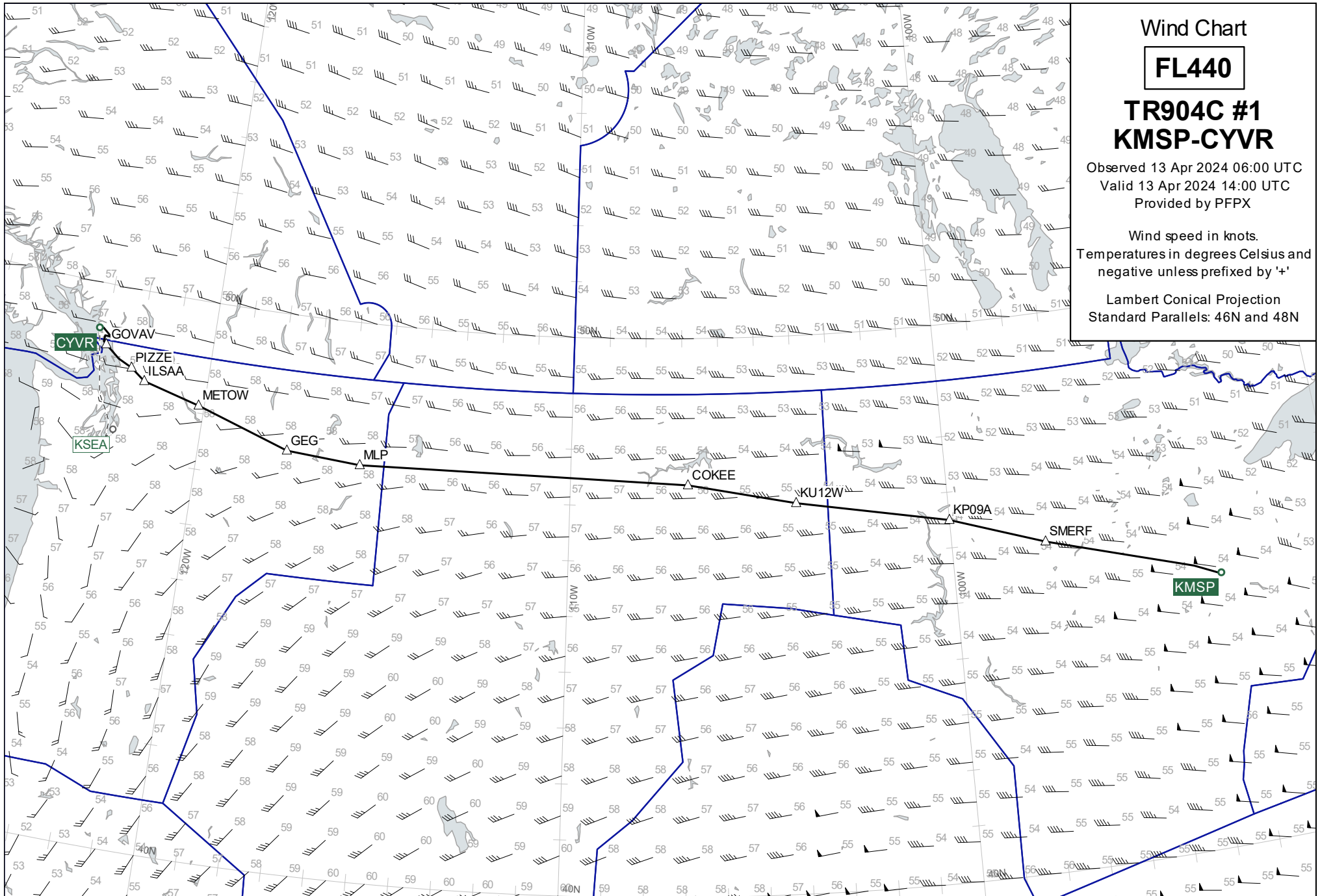
**FL440**

**TR904C #1**  
**KMSP-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



Destination Area

**17000**

**TR904C #1**  
**KMSP-CYVR**

Observed 13 Apr 2024 06:00 UTC  
Valid 13 Apr 2024 16:00 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

