

The background of the entire slide is an aerial photograph of a vast mountain valley. In the foreground, a wide river winds through a valley floor covered in patches of green and brown. The middle ground shows steep, rugged mountainsides. In the far distance, a range of snow-capped mountain peaks stretches across the horizon under a blue sky with scattered white clouds. A solid red horizontal bar is positioned at the top of the image, partially overlapping the sky and the top of the mountain range.

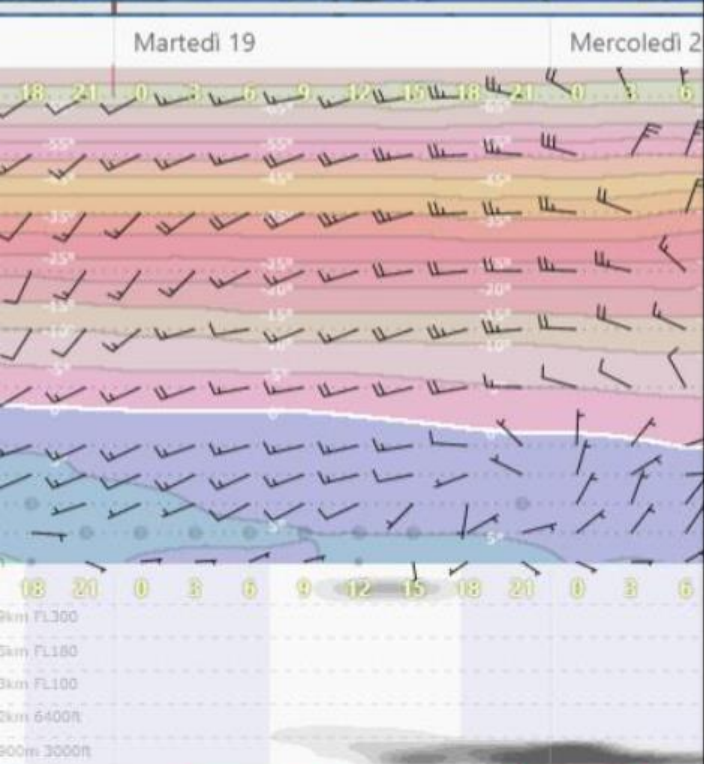
Sarà buona?

NEL DUBBIO,
VAI A VOLARE!

A CURA DI
LUCA NUVOLI E ALESSANDRO PERUZZI

Obiettivi della serata

- ▶ Fornire alcune **semplici indicazioni** per permettere al parapendista di farsi un'idea sulle condizioni volatorie della giornata attraverso:
 - ▶ **Consultazione di siti meteo** - l'arte di cercare i siti meteo che danno la previsione che vuoi avere
 - ▶ **Lettura della curva di stato** (emagramma) - l'arte di credere di capirci qualcosa e farla funzionare
- ergo, la supercazzola.



PREMESSA

- ▶ Sarà buona? Sì, ma per che cosa?
- ▶ Quali parametri ci interessa conoscere?
- ▶ Qualunque previsione guardiamo resta una previsione.

Nel dubbio, vai a volare!

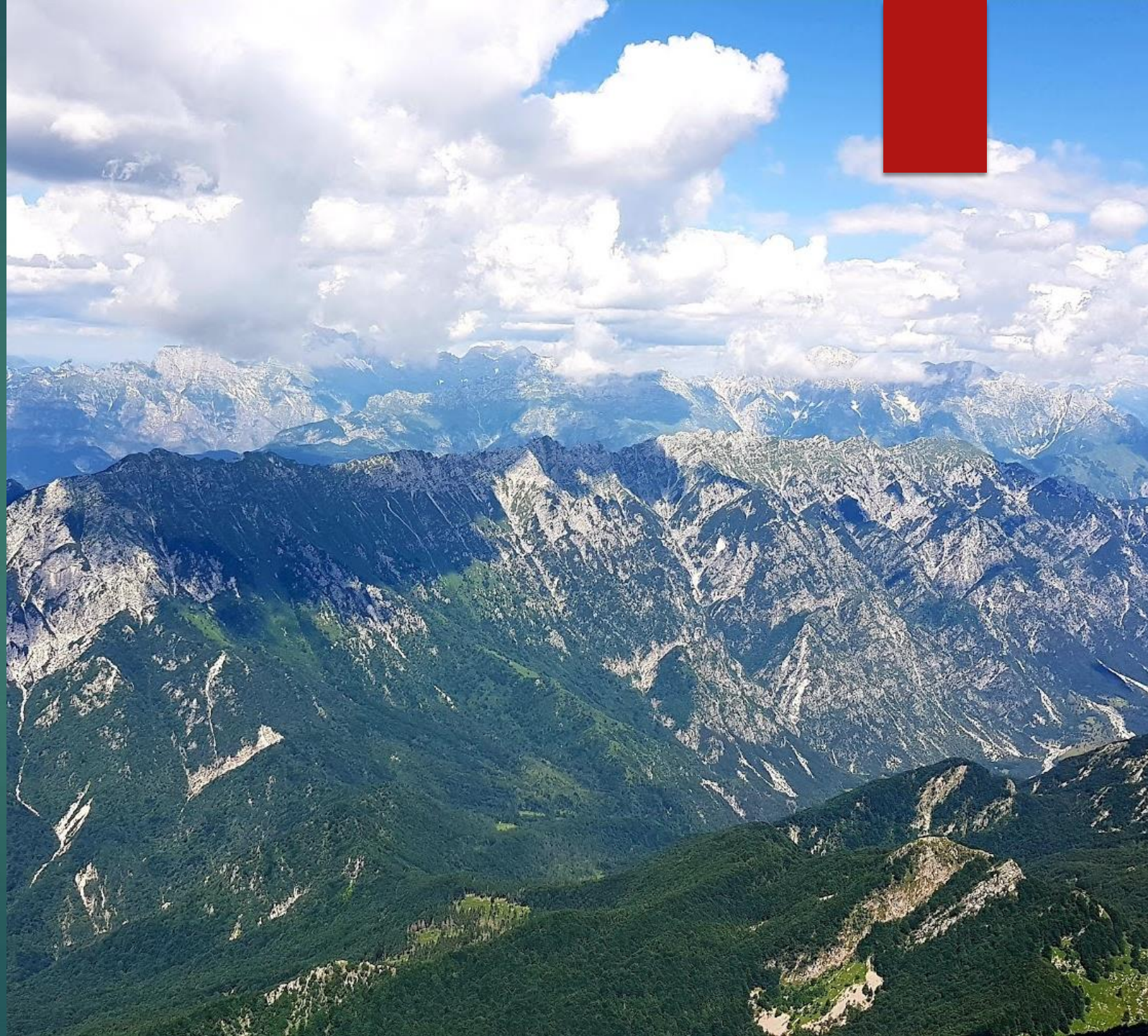


PARAMETRI

- ▶ ISAL IL SORELI? (Sole e copertura)
 - ▶ OSMER
 - ▶ ALADIN SLOVENIA
- ▶ LARAI INDENANT? (intensità e direzione del vento)
 - ▶ ALADIN SLOVENIA
 - ▶ WINDY
- ▶ ČHATARAI TONADIS? (Energia in aria)
 - ▶ OSMER – gradiente termico 1000/2000
 - ▶ ALADIN SLOVENIA –thermalforecast
 - ▶ UNIVERSITY OF WYOMING – curva di stato

NEI GIORNI PRECEDENTI

- ▶ ALADIN SLOVENIA:
[http://meteo.arso.gov.si/
met/en/app/webmet/](http://meteo.arso.gov.si/met/en/app/webmet/)
- ▶ OSMER FVG:
[https://www.meteo.fvg.it
/home.php](https://www.meteo.fvg.it/home.php)
- ▶ WINDY:
www.windy.com/



IL MATTINO DEL VOLO

- ▶ ALADIN SLOVENIA:
[http://meteo.arso.gov.si/
met/en/app/webmet/](http://meteo.arso.gov.si/met/en/app/webmet/)
- ▶ CURVA DI STATO:
[https://www.meteo.fvg.it
/home.php](https://www.meteo.fvg.it/home.php)
- ▶ WINDY:
www.windy.com/

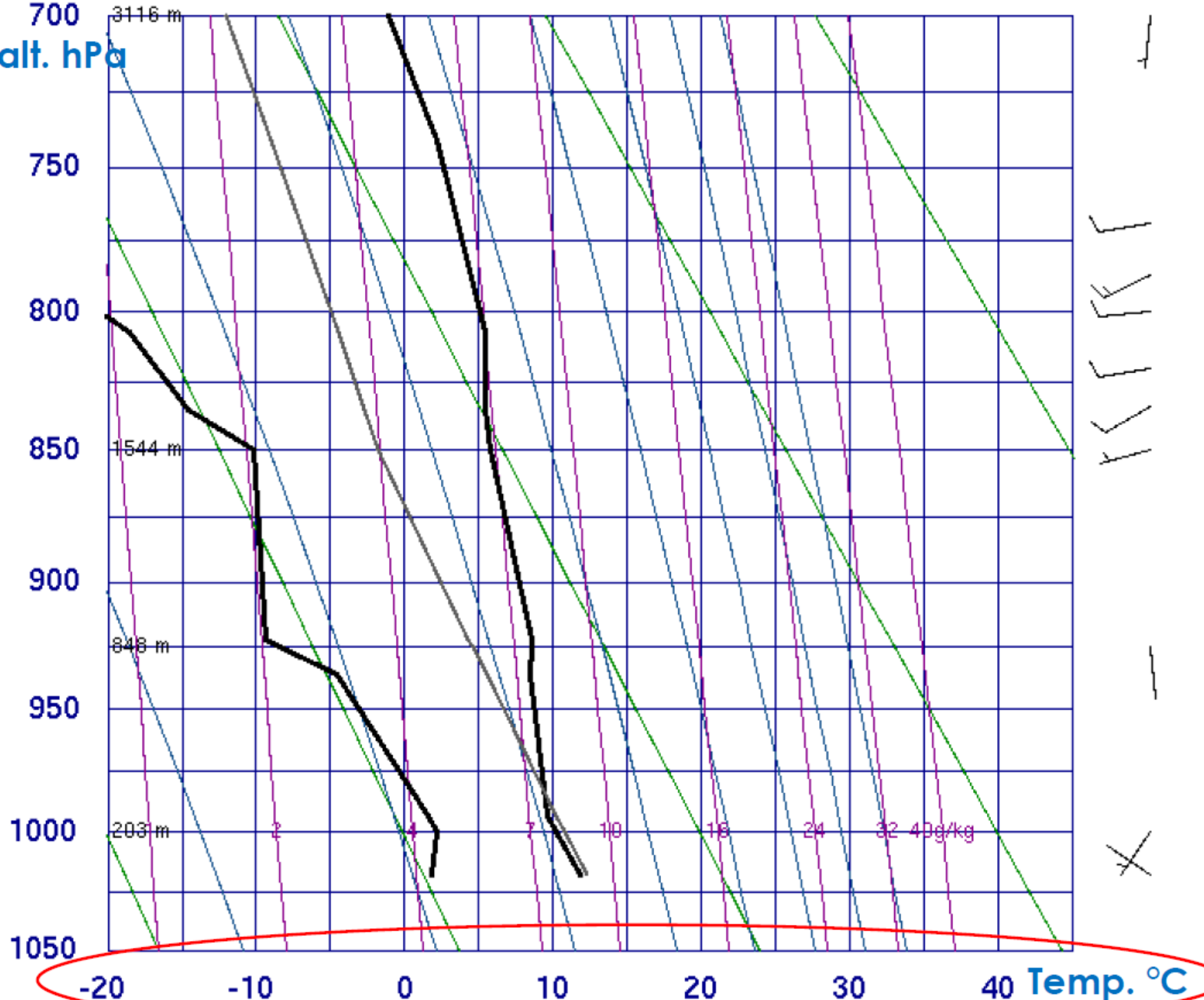


CURVA DI STATO

- ▶ X = TEMPERATURA °C
- ▶ Y = ALTITUDINE hPa
- ▶ Curva di temperatura
- ▶ Curva di umidità
- ▶ Venti (dir. + intensità)

16045 LIPI Rivolto

700
alt. hPa



12Z 18 Feb 2019

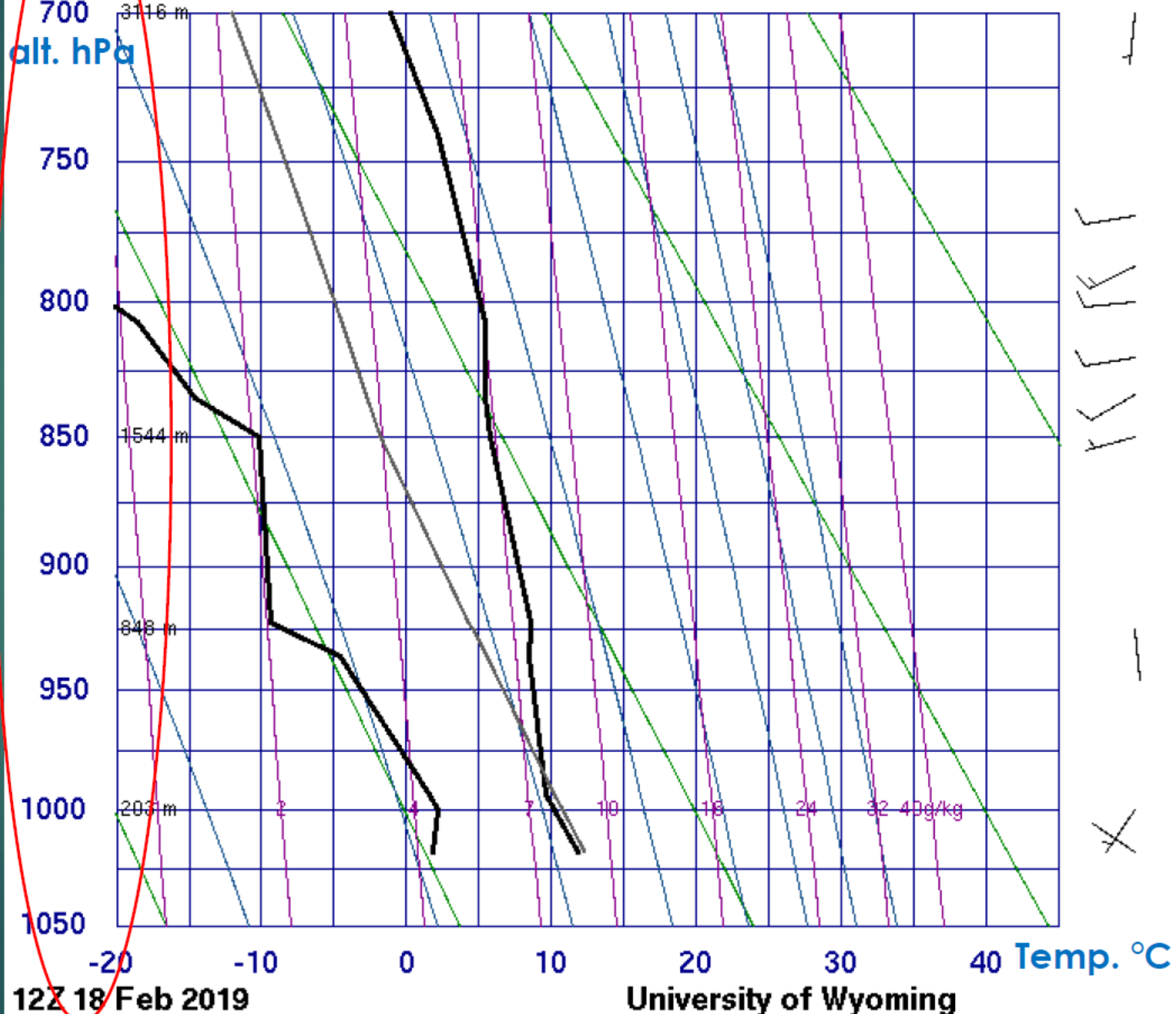
University of Wyoming

CURVA DI STATO

- ▶ X = TEMPERATURA °C
- ▶ Y = ALTITUDINE hPa
- ▶ Curva di temperatura
- ▶ Curva di umidità
- ▶ Venti (dir. + intensità)

16045 LIPI Rivolto

700
alt. hPa



CURVA DI STATO

- ▶ X = TEMPERATURA °C
- ▶ Y = ALTITUDINE hPa
- ▶ Curva di temperatura
- ▶ Curva di umidità
- ▶ Venti (dir. + intensità)

16045 LIPI Rivolto

700
alt. hPa

ISOBARE

750

800

850

900

950

1000

1050

-20

-10

0

10

20

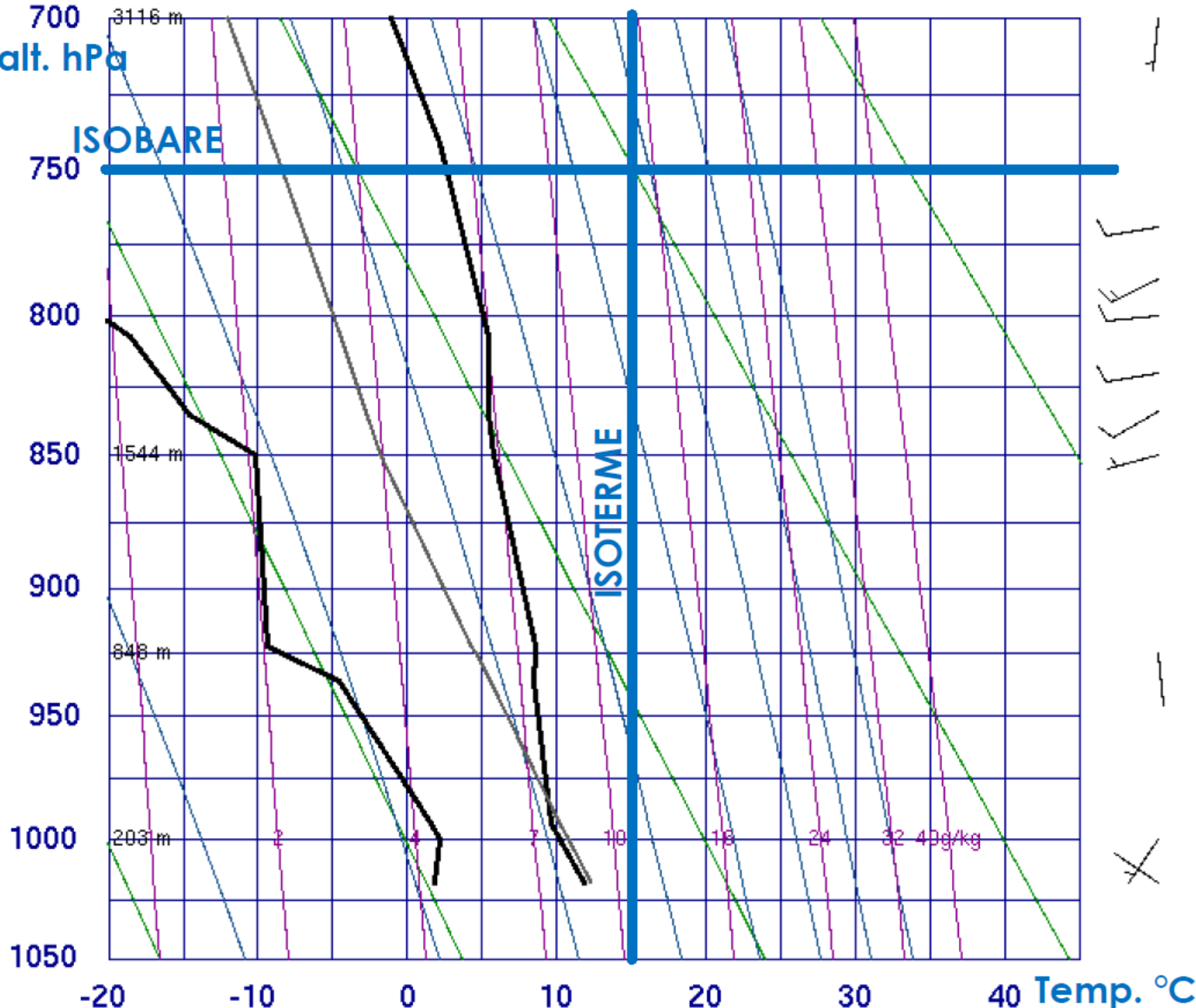
30

40

Temp. °C

12Z 18 Feb 2019

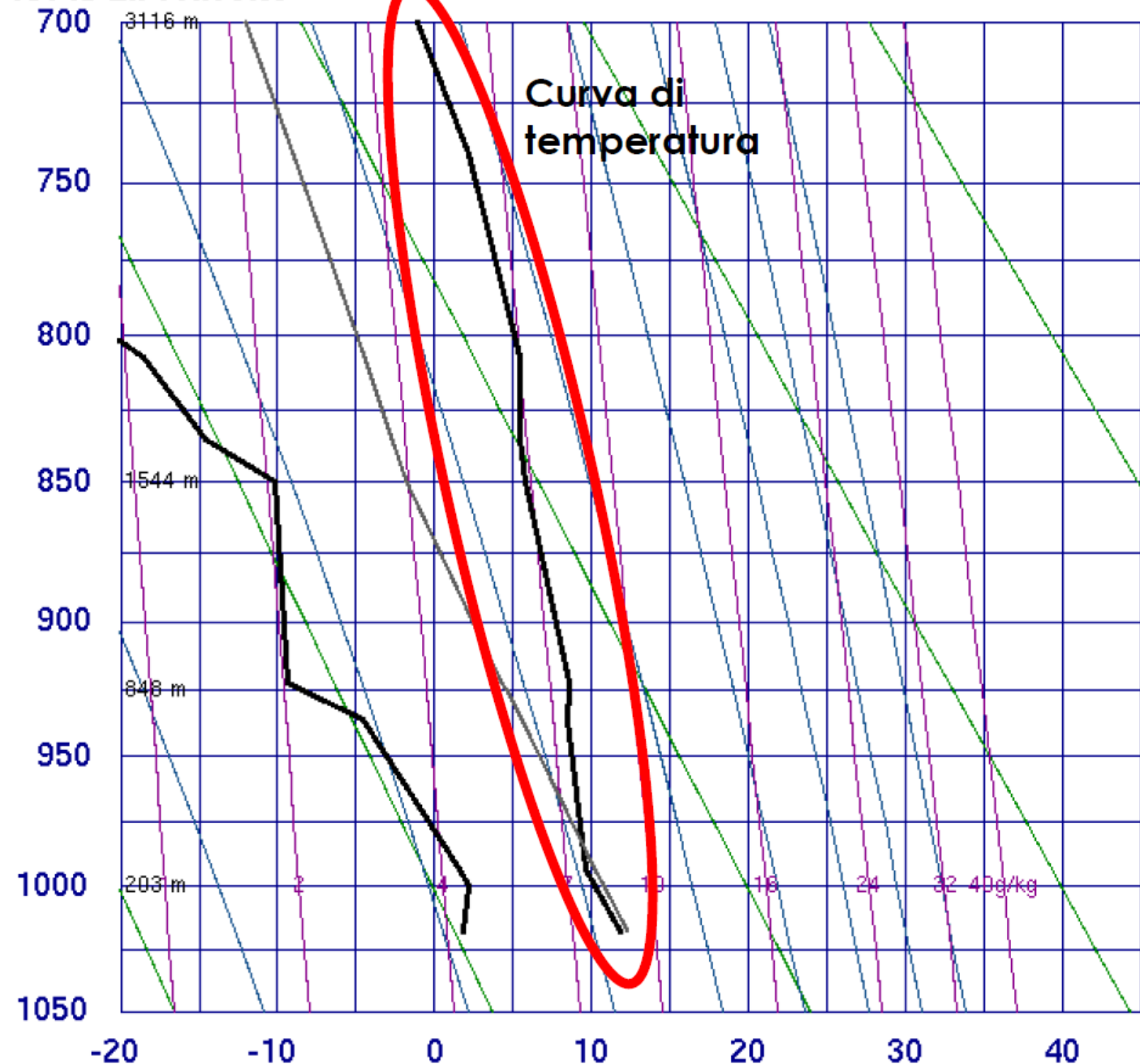
University of Wyoming



CURVA DI STATO

- ▶ X = TEMPERATURA °C
- ▶ Y = ALTITUDINE hPa
- ▶ Curva di temperatura
- ▶ Curva di umidità
- ▶ Venti (dir. + intensità)

16045 LIPI Rivolto



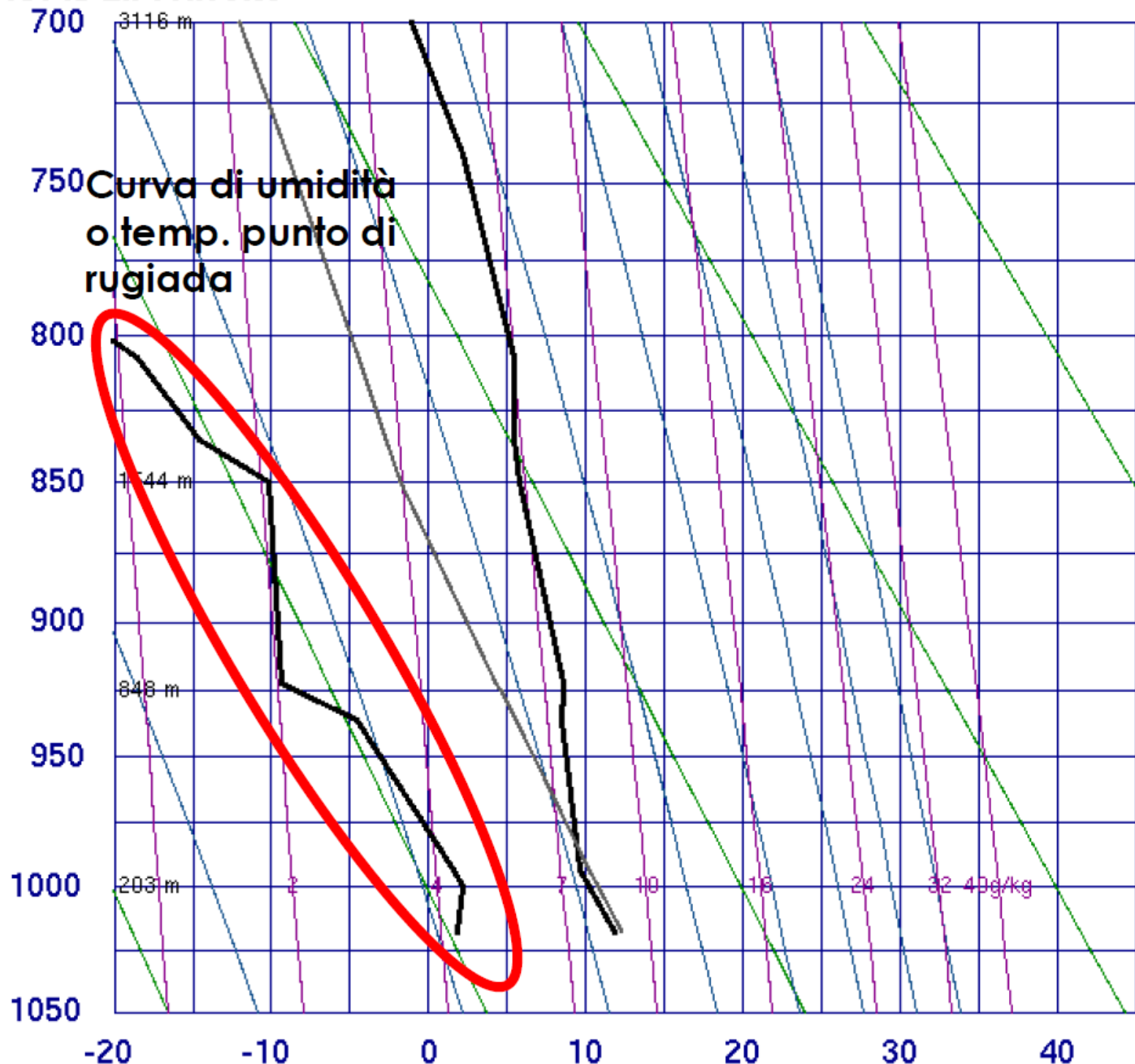
12Z 18 Feb 2019

University of Wyoming

CURVA DI STATO

- ▶ X = TEMPERATURA °C
- ▶ Y = ALTITUDINE hPa
- ▶ Curva di temperatura
- ▶ **Curva di umidità**
- ▶ Venti (dir. + intensità)

16045 LIPI Rivolto



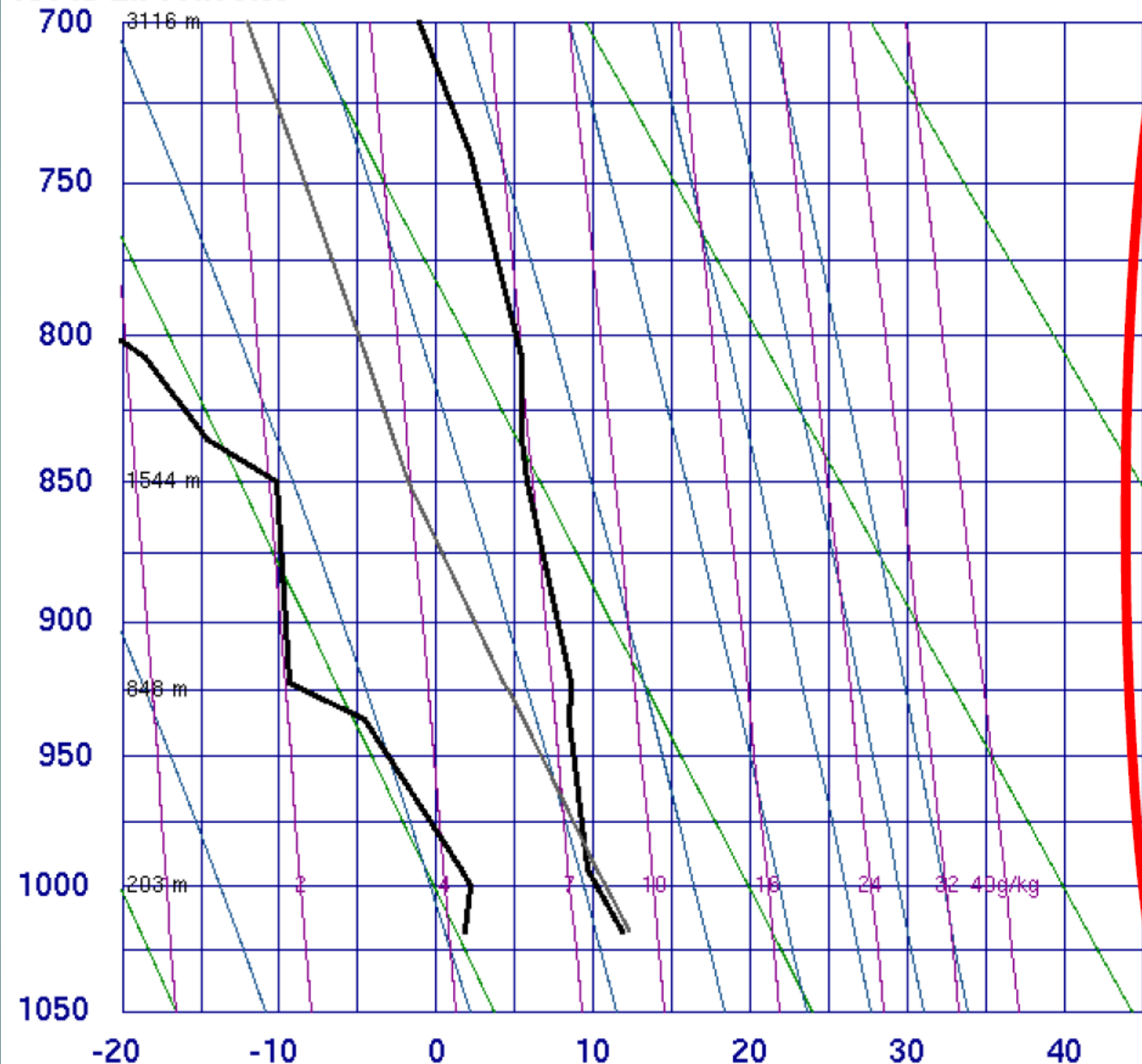
12Z 18 Feb 2019

University of Wyoming

CURVA DI STATO

- ▶ X = TEMPERATURA °C
- ▶ Y = ALTITUDINE hPa
- ▶ Curva di temperatura
- ▶ Curva di umidità
- ▶ Venti (dir. + intensità)

16045 LIPI Rivolto



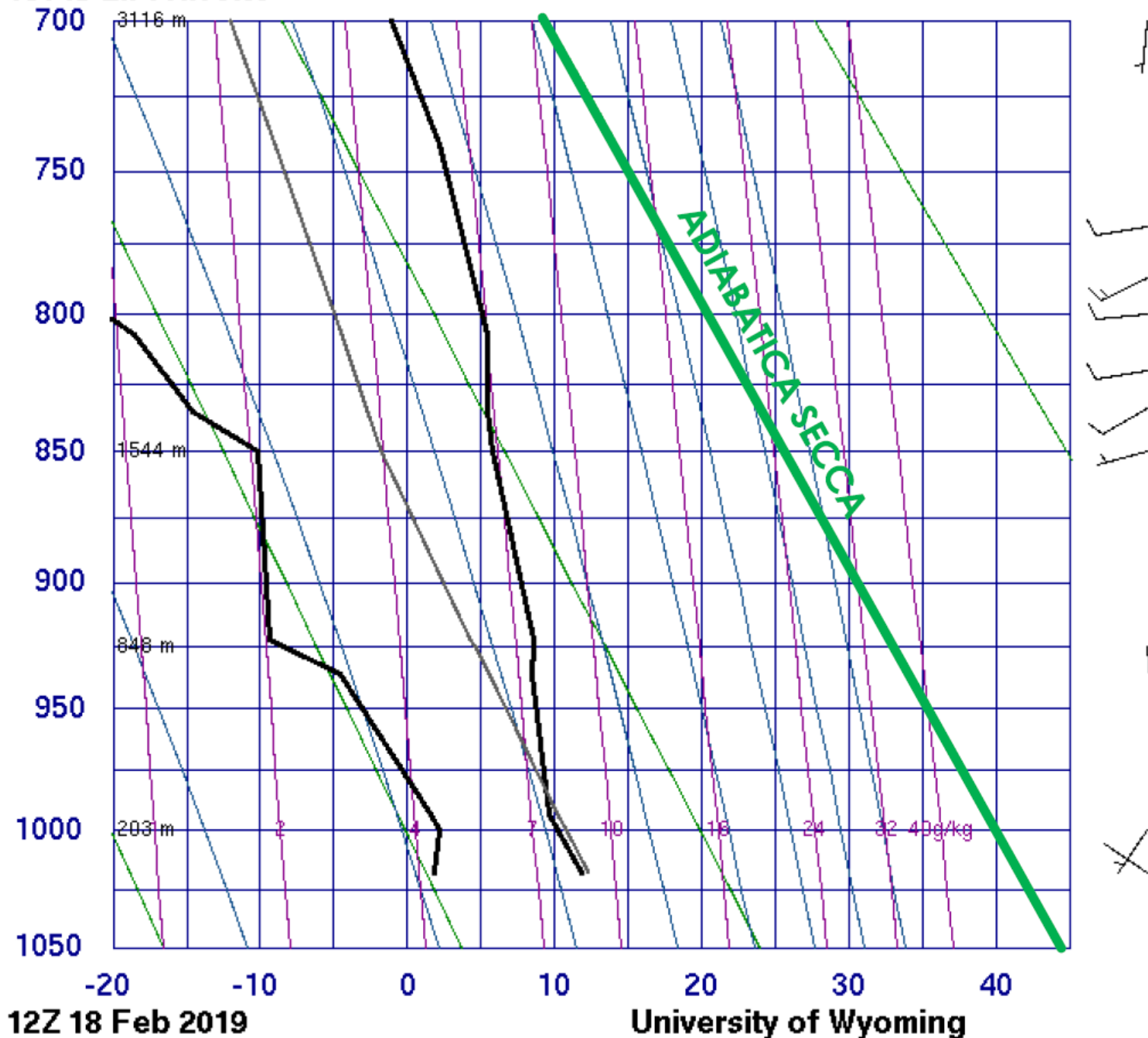
12Z 18 Feb 2019

University of Wyoming

CURVA DI STATO

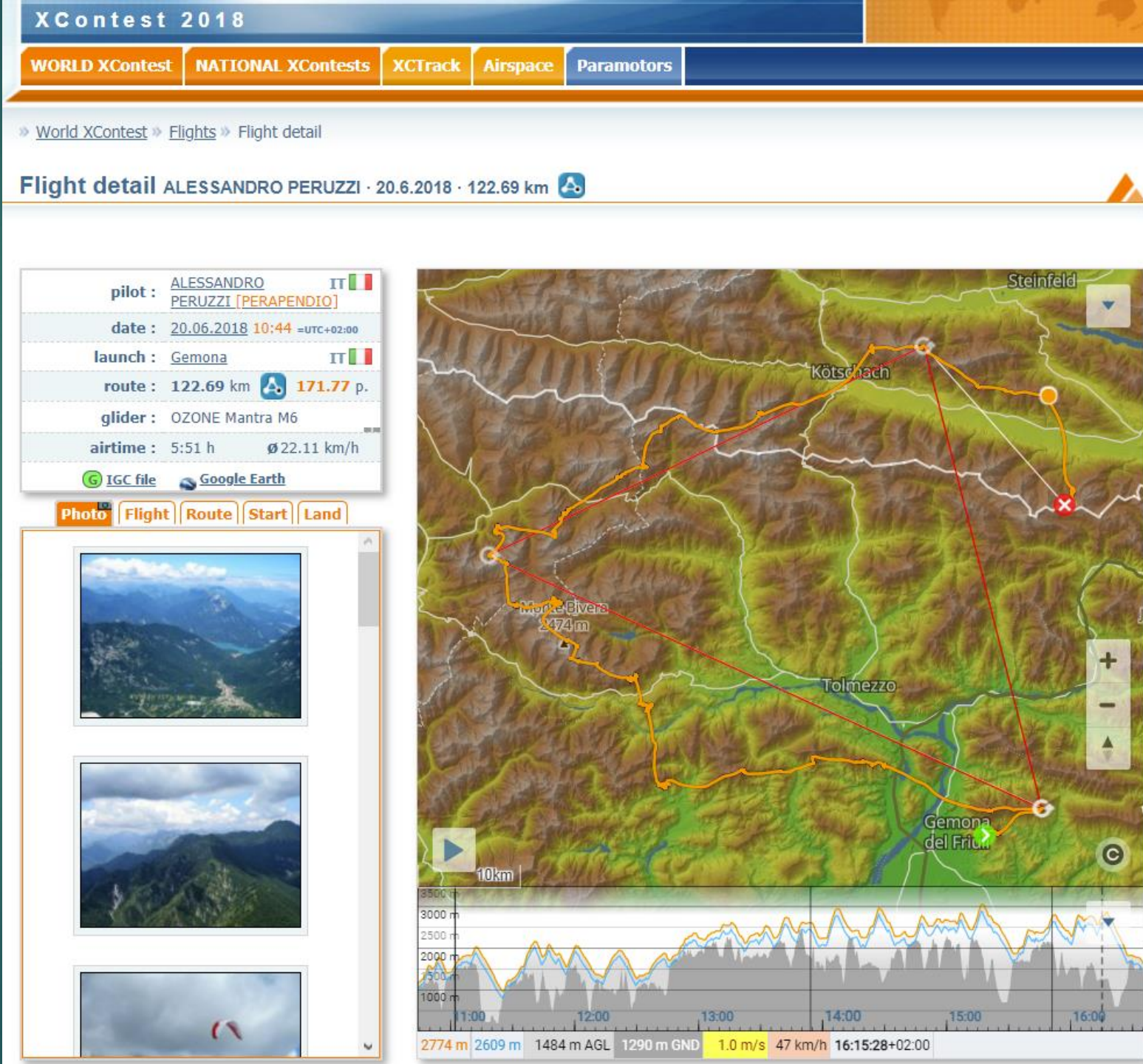
- ▶ X = TEMPERATURA °C
- ▶ Y = ALTITUDINE hPa
- ▶ Curva di temperatura
- ▶ Curva di umidità
- ▶ Venti (dir. + intensità)
- ▶ **ADIABATICA SECCA**

16045 LIPI Rivolto



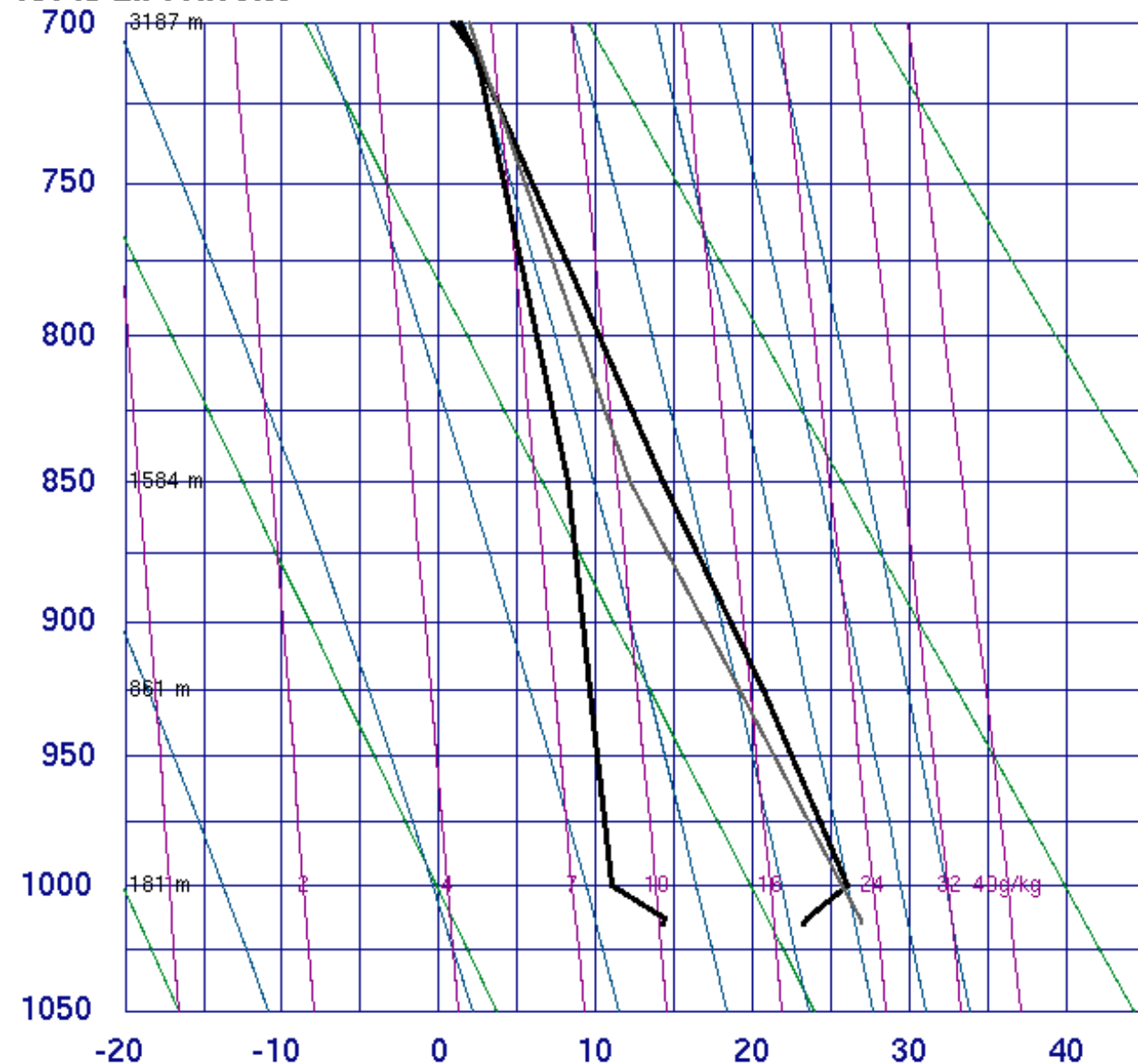
Mercoledì 20/06/2018

- ▶ Base a 2000 davanti
- ▶ Termiche buone ma niente di che
- ▶ <https://www.xcontest.org/2018/world/en/flights/detail:PERAPENDIO/20.6.2018/08:44>



CURVA DELLE 00

16045 LIPI Rivolto

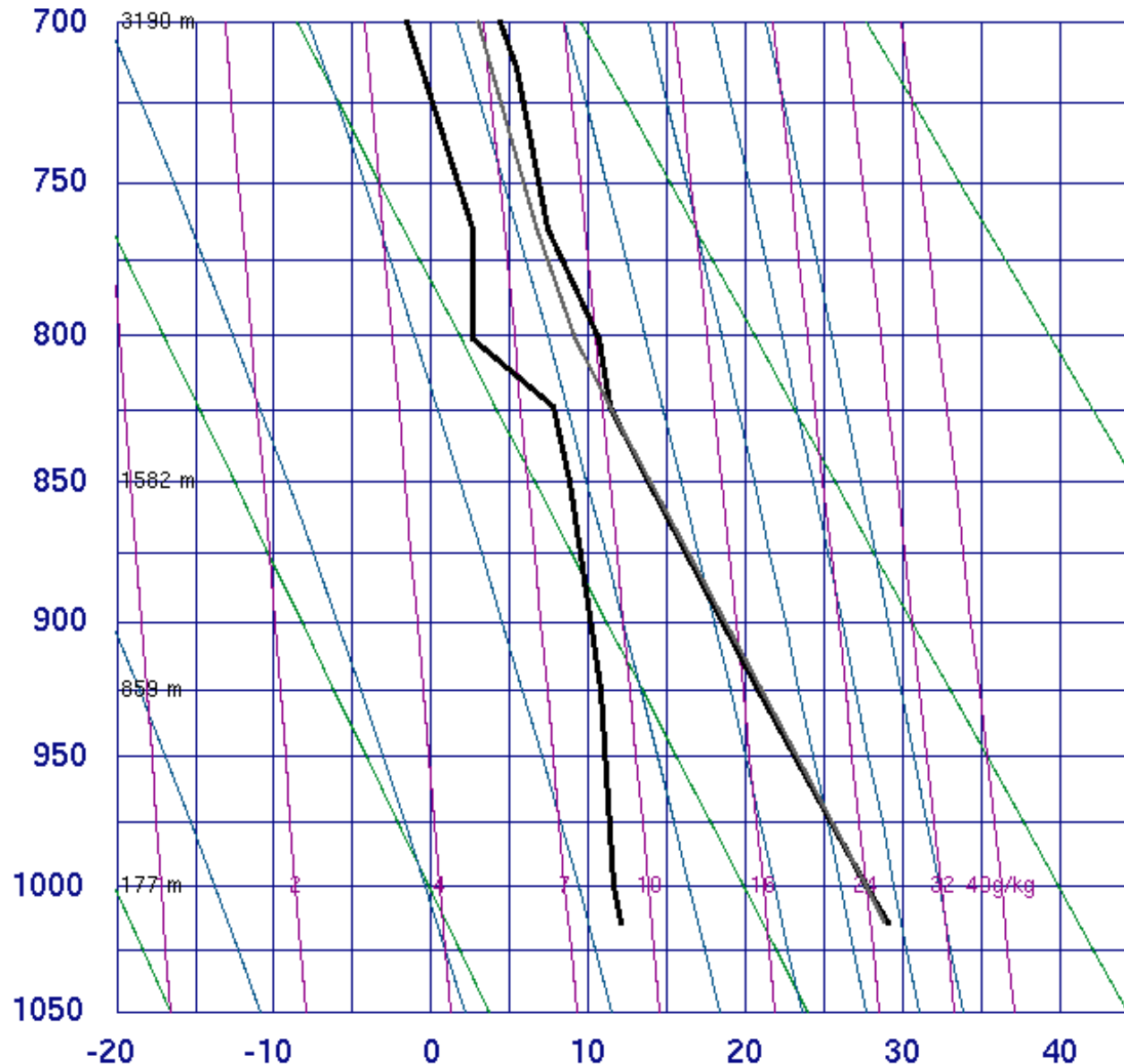


University of Wyoming

SLAT 45.97
SLON 13.05
SELV 52.00
SHOW 3.60
LIFT 4.15
LFTV 3.80
SWET 124.4
KINX 32.00
CTOT 18.30
VTOT 24.30
TOTL 42.60
CAPE 4.69
CAPV 6.15
CINS -139.
CINV -132.
EQLV 685.5
EQTV 684.7
LFCT 716.4
LFCV 717.1
BRCH 0.36
BRCV 0.47
LCLT 281.4
LCLP 810.7
MLTH 298.8
MLMR 8.57
THCK 5669.
PWAT 28.22

CURVA DELLE 12

16045 LIPI Rivolto



12Z 20 Jun 2018

University of Wyoming

SLAT 45.97
SLON 13.05
SELV 52.00
SHOW 2.93
LIFT 2.44
LFTV 2.14
SWET 130.5
KINX 27.10
CTOT 19.30
VTOT 24.30
TOTL 43.60
CAPE 4.82
CAPV 5.79
CINS -73.7
CINV -50.8
EQLV 630.4
EQTV 626.6
LFCT 632.0
LFCV 638.2
BRCH 2.03
BRCV 2.44
LCLT 281.3
LCLP 792.0
MLTH 300.7
MLMR 8.70
THCK 5683.
PWAT 31.58

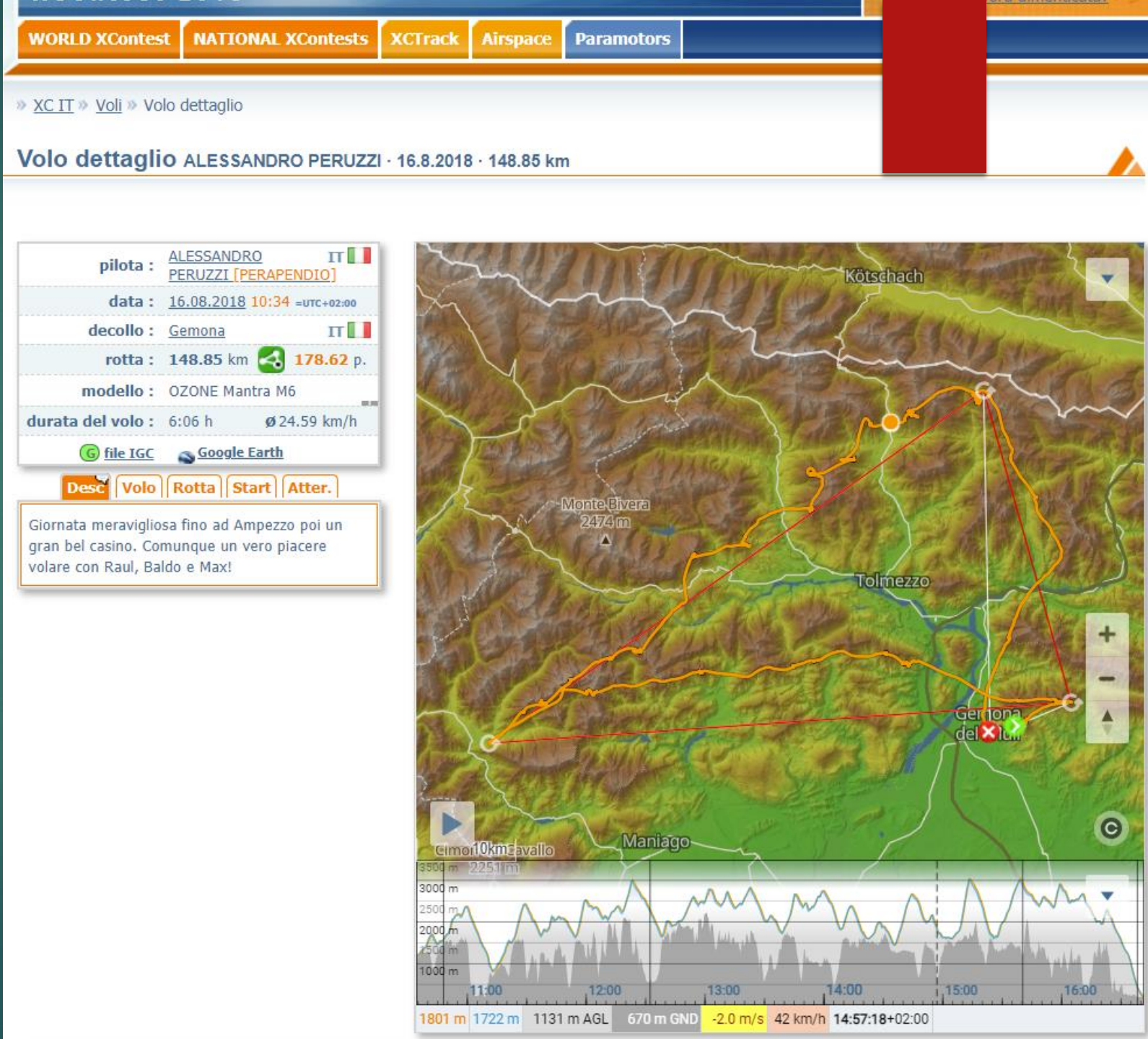






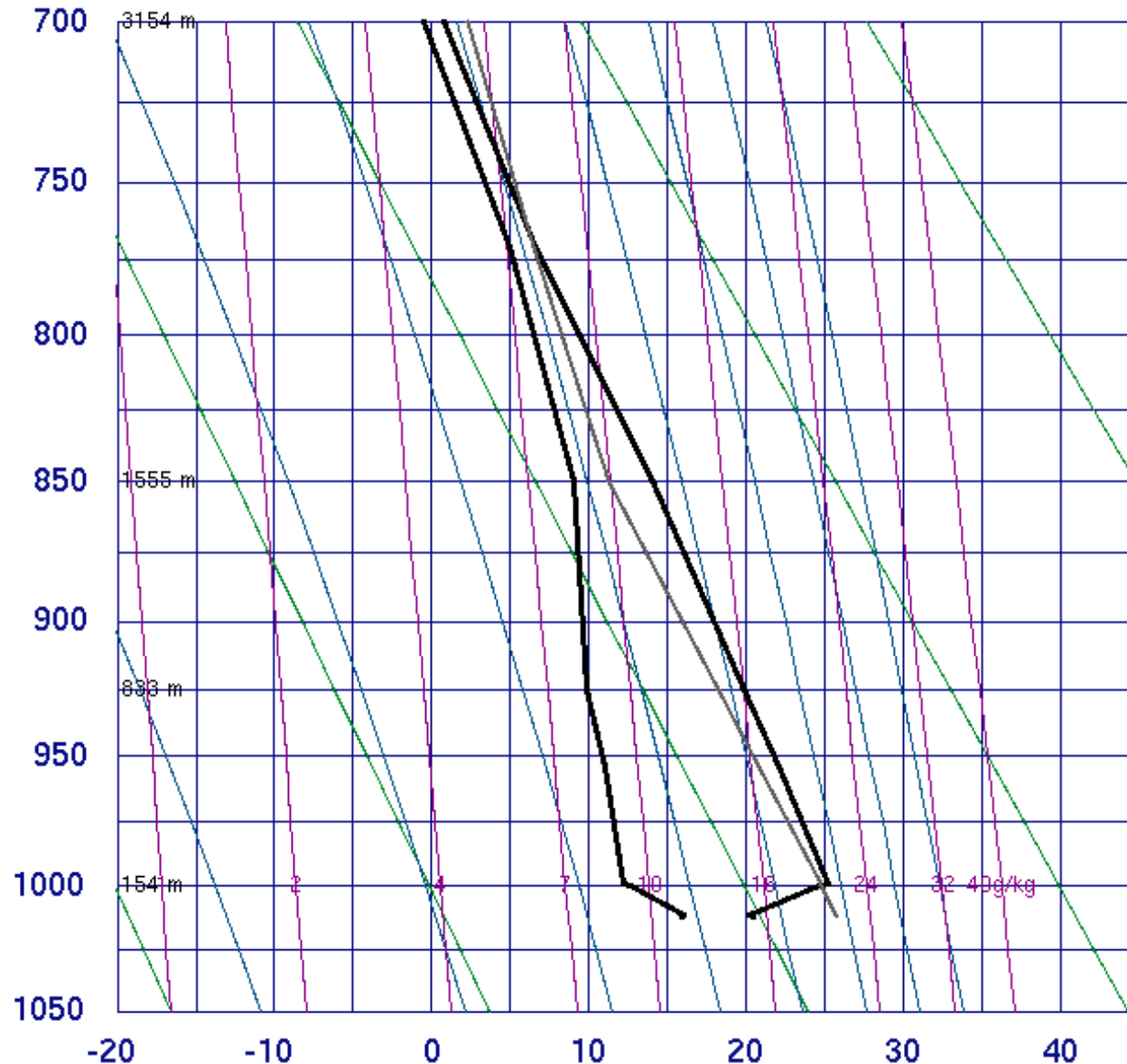
Giovedì 16/08/2018

► <https://www.xcontest.org/2018/italia/voli/dettaglio:PERAPENDIO/16.08.2018/08:34>



CURVA DELLE 00

16045 LIPI Rivolto



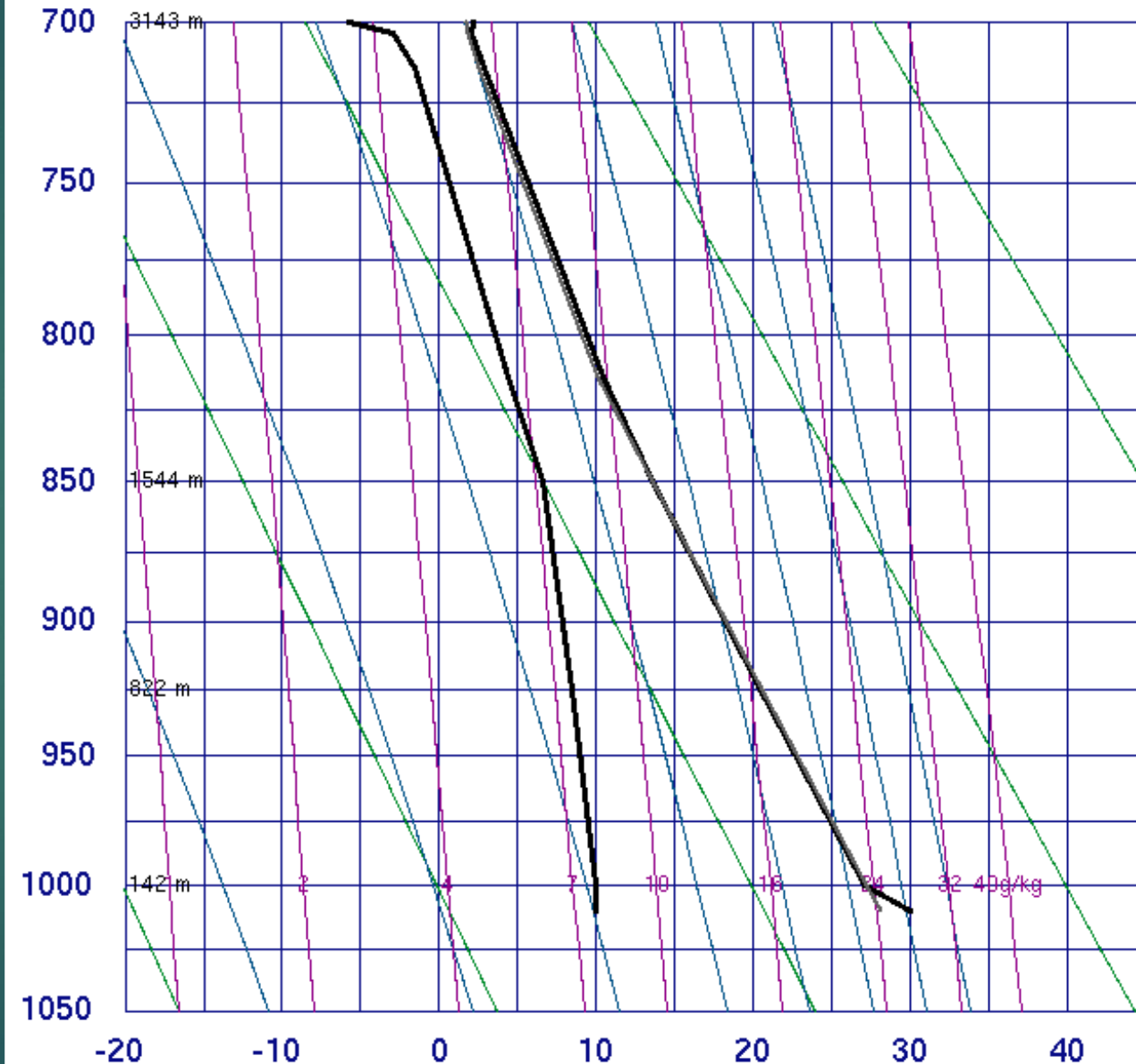
00Z 16 Aug 2018

University of Wyoming

SLAT	45.97
SLON	13.05
SELV	52.00
SHOW	2.05
LIFT	2.75
LFTV	2.39
SWET	130.9
KINX	32.80
CTOT	20.10
VTOT	25.10
TOTL	45.20
CAPE	49.80
CAPV	58.87
CINS	-115.
CINV	-107.
EQLV	655.1
EQTV	654.2
LFCT	764.4
LFCV	772.0
BRCH	4.11
BRCV	4.86
LCLT	282.8
LCLP	834.3
MLTH	297.9
MLMR	9.20
THCK	5656.
PWAT	29.88

CURVA DELLE 12

16045 LIPI Rivolto



12Z 16 Aug 2018

University of Wyoming

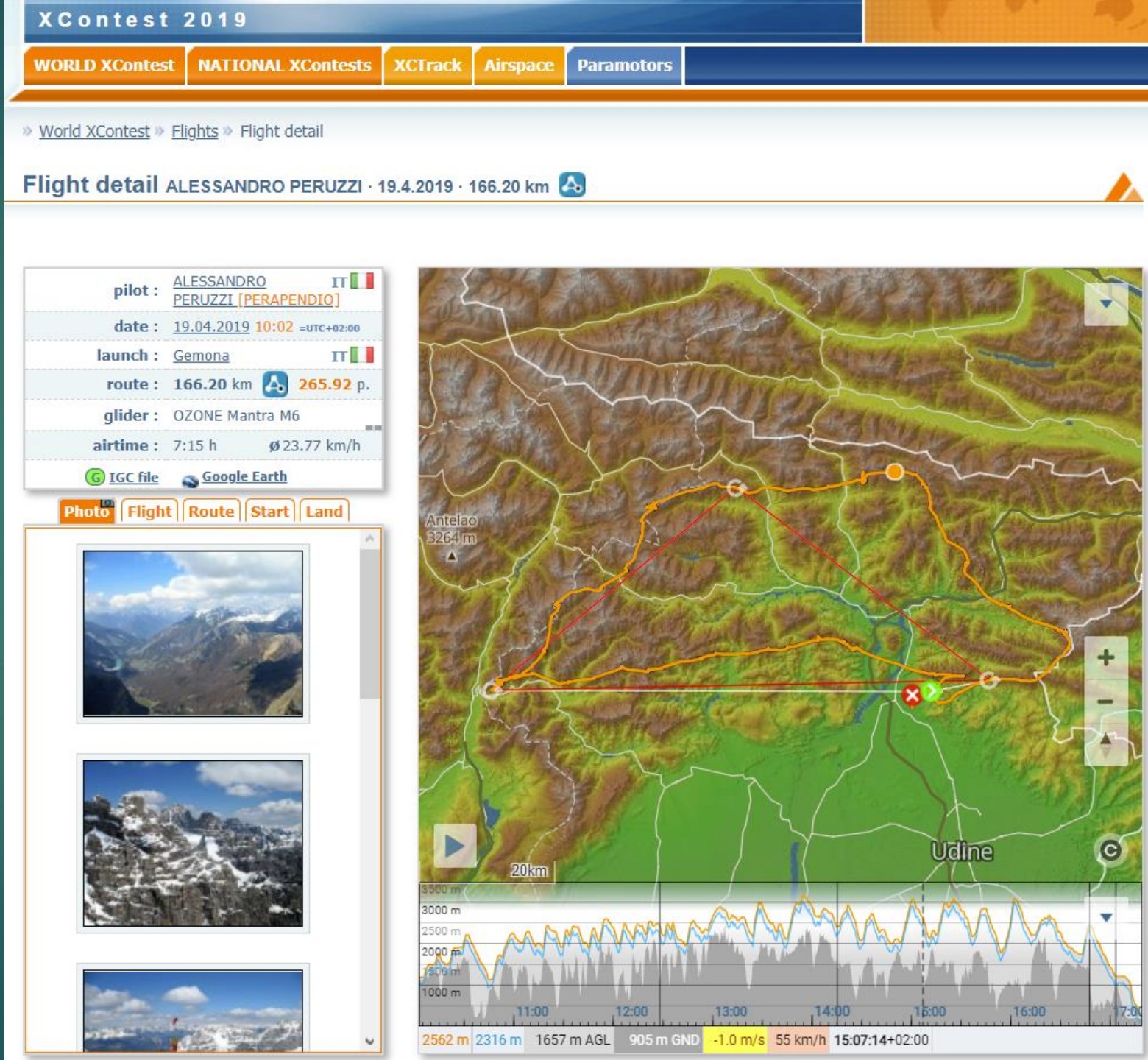
SLAT 45.97
SLON 13.05
SELV 52.00
SHOW 4.84
LIFT 4.14
LFTV 3.81
SWET 109.1
KINX 22.70
CTOT 17.10
VTOT 24.10
TOTL 41.20
CAPE 0.00
CAPV 4.64
CINS 0.00
CINV -22.6
EQLV -9999
EQTV 700.9
LFCT -9999
LFCV 715.2
BRCH 0.00
BRCV 1.74
LCLT 279.2
LCLP 775.1
MLTH 300.3
MLMR 7.70
THCK 5668.
PWAT 23.74





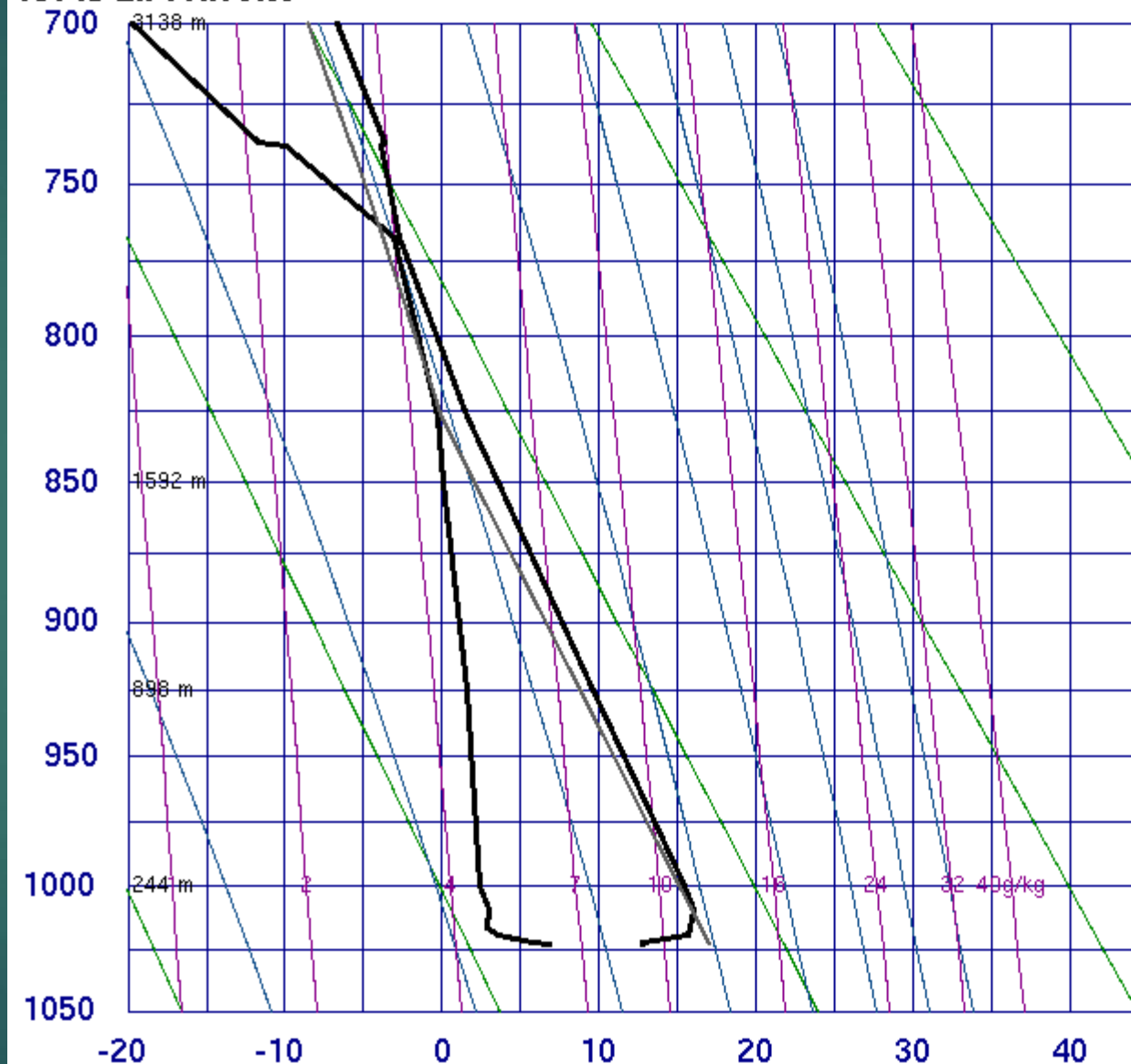
Venerdì 19/04/2019

- ▶ <https://www.xcontest.org/2019/world/en/flights/detail:PERAPENDIO/19.4.2019/08:02#fd=photos>



CURVA DELLE 00

16045 LIPI Rivolto



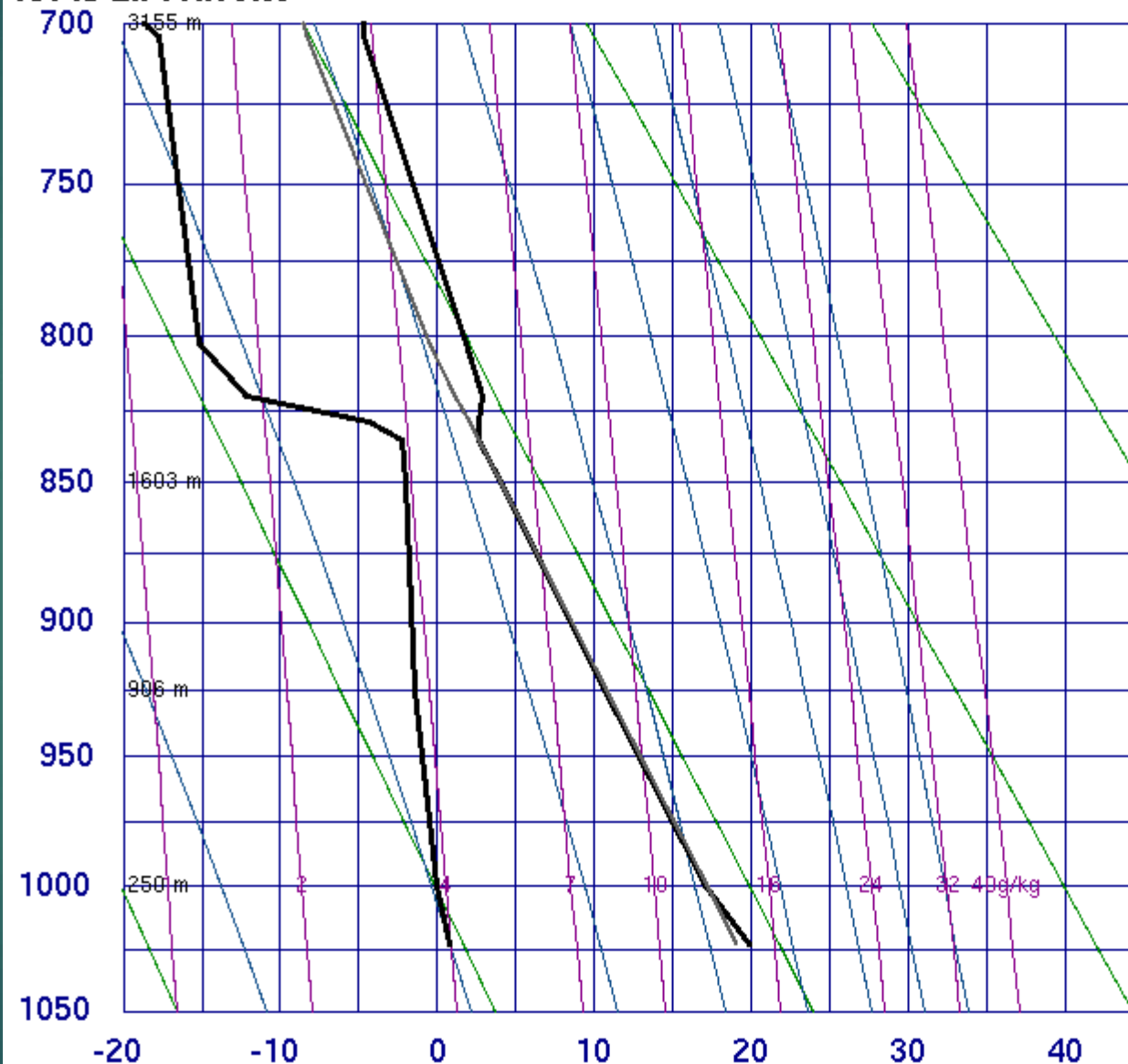
00Z 19 Apr 2019

University of Wyoming

SLAT	45.97
SLON	13.05
SELV	52.00
SHOW	2.66
LIFT	3.60
LFTV	3.50
SWET	98.19
KINX	14.80
CTOT	24.20
VTOT	27.70
TOTL	51.90
CAPE	0.00
CAPV	0.00
CINS	0.00
CINV	0.00
EQLV	-9999
EQTV	-9999
LFCT	-9999
LFCV	-9999
BRCH	0.00
BRCV	0.00
LCLT	273.2
LCLP	828.9
LCLE	301.8
MLTH	288.2
MLMR	4.68
THCK	5446.
PWAT	14.30

CURVA DELLE 12

16045 LIPI Rivolto



SLAT	45.97
SLON	13.05
SELV	52.00
SHOW	5.40
LIFT	5.48
LFTV	5.39
SWET	38.01
KINX	10.30
CTOT	20.30
VTOT	26.30
TOTL	46.60
CAPE	0.00
CAPV	0.00
CINS	0.00
CINV	0.00
EQLV	-9999
EQTV	-9999
LFCT	-9999
LFCV	-9999
BRCH	0.00
BRCV	0.00
LCLT	269.6
LCLP	772.4
LCLE	301.6
MLTH	290.3
MLMR	3.86
THCK	5470.
PWAT	10.94

University of Wyoming

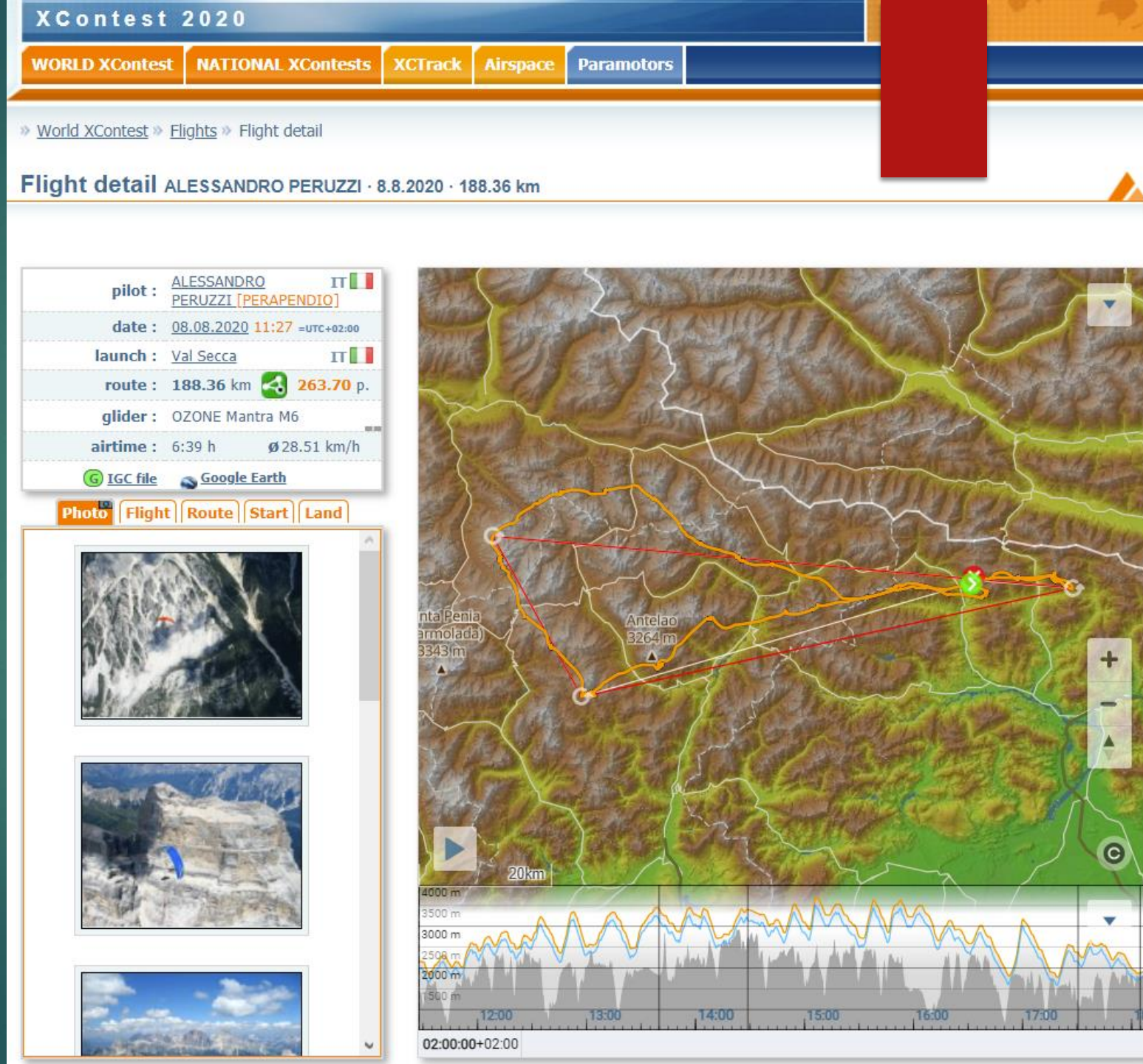






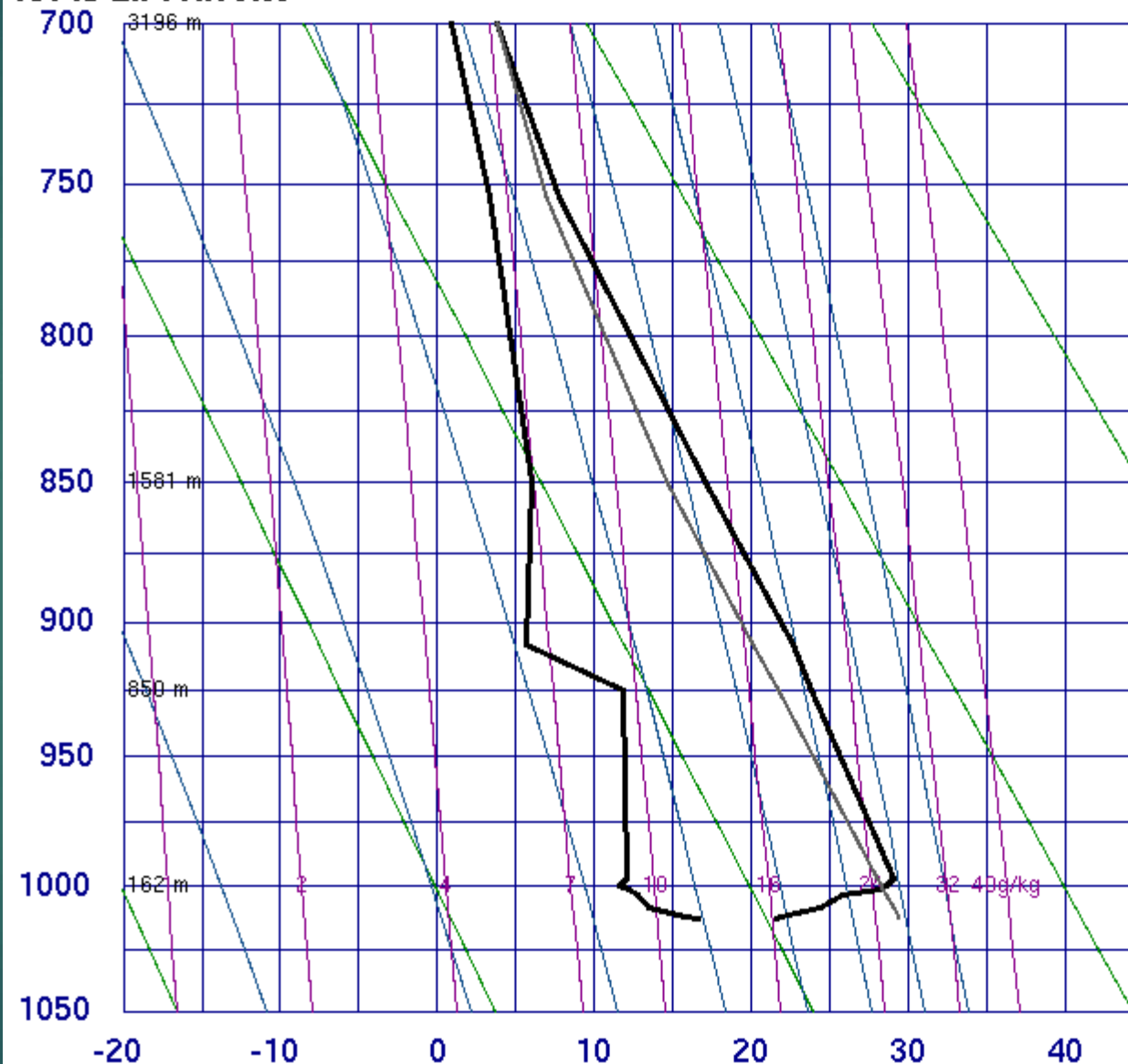
Sabato 08/08/2020

► <https://www.xcontest.org/2020/world/en/flights/detail:PERAPENDIO/8.8.2020/09:27>



CURVA DELLE 00

16045 LIPI Rivolto



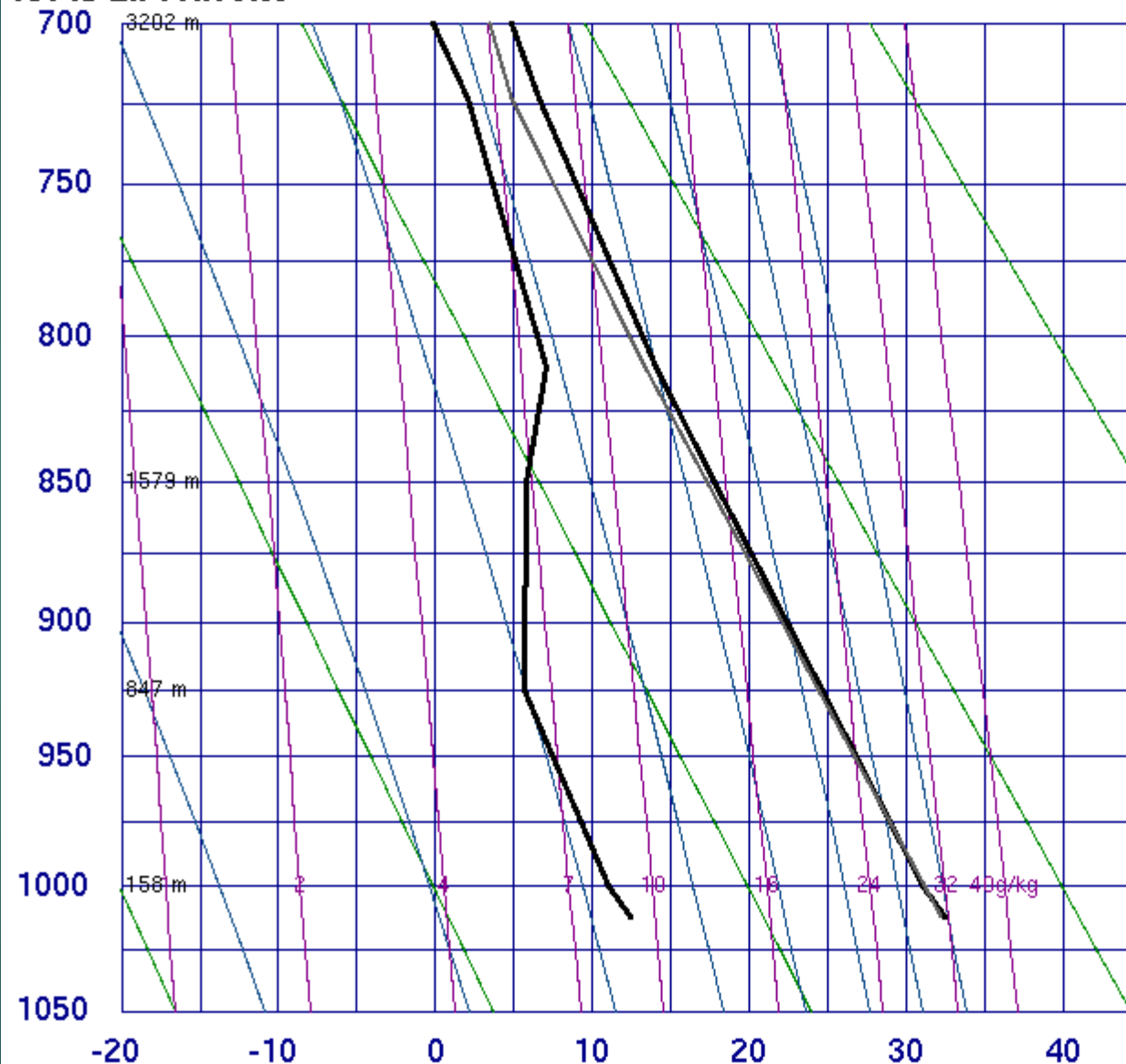
00Z 08 Aug 2020

University of Wyoming

SLAT 45.97
SLON 13.05
SELV 52.00
SHOW 4.85
LIFT 2.91
LFTV 2.50
SWET 113.0
KINX 29.00
CTOT 14.90
VTOT 25.90
TOTL 40.80
CAPE 1.06
CAPV 3.27
CINS -162.
CINV -134.
EQLV 685.3
EQTV 682.8
LFCT 700.1
LFCV 716.2
BRCH 0.17
BRCV 0.53
LCLT 282.2
LCLP 794.0
LCLE 328.9
MLTH 301.4
MLMR 9.23
THCK 5708.
PWAT 28.26

CURVA DELLE 12

16045 LIPI Rivolto



12Z 08 Aug 2020

University of Wyoming

SLAT	45.97
SLON	13.05
SELV	52.00
SHOW	1.93
LIFT	0.73
LFTV	0.45
SWET	112.5
KINX	30.10
CTOT	17.30
VTOT	29.30
TOTL	46.60
CAPE	0.00
CAPV	0.00
CINS	0.00
CINV	0.00
EQLV	-9999
EQTV	-9999
LFCT	-9999
LFCV	-9999
BRCH	0.00
BRCV	0.00
LCLT	278.8
LCLP	736.7
LCLE	328.0
MLTH	304.2
MLMR	7.88
THCK	5722.
PWAT	26.06







RISORSE

- ▶ ALADIN SLOVENIA:
<http://meteo.arso.gov.si/met/en/app/webmet/>
- ▶ OSMER FVG:
<https://www.meteo.fvg.it/home.php>
- ▶ WINDY:
www.windy.com/
- ▶ CURVA DI STATO:
<https://www.meteo.fvg.it/home.php>

