





Arctic Circle DXing 2008

Rest Stop @ Alaskan Pipeline Just North of the Yukon River Bridge

**Arctic Circle DXing
to other DX
locations all over
the World, using
one of the very best
well known call
signs ever !**

Location, Location, Location.

Riding the Gray-Line from up on top of North America during the late Summer. Oh, the Pile-ups.

Imagine running DX stations from the Arctic Circle when the Reported Sunspot Activity is Zero,,yes, Zero !

In 2008 a large number
of the Alaskan Clubs
came together with the
energy & \$\$\$\$ to put
W1AW /KL7
on the air from the
Alaskan Arctic Circle.

The expected band openings were for a 6+ Hour per day operation. It turned out that the bands were open to a max of 22 hours a day.

This is due to the path that the Sun makes in its Summer time trek around the North Pole



**DXing
From the
Arctic Circle**

Dalton Highway ALASKA Latitude 66° 33'

Lat: 66 33'North ZONE CQ-1 ITU-1
Long: 150 47'28.17"West BP56

Lat: 66 33'North BP56 ZONE CQ-1 ITU-1



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37th ANNUAL ALASKA HAMFEST 2008
"THE FINAL FRONTIER"
Anchorage, ALASKA 2008
www.akhamfest.com



The banner features a map of Alaska and a map of the United States with Alaska highlighted. The text on the banner includes "37th ANNUAL ALASKA HAMFEST 2008", "THE FINAL FRONTIER", "Anchorage, ALASKA 2008", and "www.akhamfest.com".

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ARRL The national association for
AMATEUR RADIO

April 17, 2008

Arthur J. Moxies, KI7JM
PO Box 83992
Fairbanks, AK 99708-3992

Dear Jim:

I am pleased to authorize control operators under your direction to operate the ARRL Headquarters Operators Club station, W1AW, from locations in Alaska from July 26 to August 10, 2008 in connection with the Alaska Hamfest and ARRL Alaska State Convention. I understand that you will share the duties of principal control operator with Frank Hurlbut, KI7FH. You may entrust the control operator function to any appropriately licensed and trained amateurs.

Enclosed is a photocopy of the W1AW station license. Together, that photocopy and this letter are your authorization to use the call sign "W1AW/KL7" subject to the usual FCC rules.

The usual W1AW code practice and bulletin services will be conducted during the operating period and the station may be on the air from Newington for routine operation. In case anyone asks, it is entirely legal for the call sign to be in use from two locations simultaneously.

When the operation has been concluded, please forward an electronic copy of the log to W1AW Station Manager Joe Carcia, N1IQ.

Thanks for your willingness to assume responsibility for this ambitious project.

Sincerely,

David Sumner, K1ZZ
Chief Executive Officer
Trustee, W1AW

cc: Director Fenstermaker
Joe Carcia, N1IQ
Frank Hurlbut, KI7FH
Heather Hasper, KL7SP

AMERICAN RADIO RELAY LEAGUE

INTERNATIONAL SECRETARIAT FOR THE FREEDOM OF RADIO COMMUNICATIONS

Public Service

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JOEL N. HARRISON
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MARY K. ROBERT
RADIO SOCIETY

PAUL BHALDO
RADIO SOCIETY

HAROLD KRANER
RADIO SOCIETY



OFFICIAL LICENSE

ADMINISTRATIVE
HEADQUARTERS

225 Main Street
Newington, Connecticut
USA 06111-1484

Telephone: 860-894-0300
FAX: 860-894-0269

www.arrl.org

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Driving North up the Parks Highway



Fairbanks Alaska



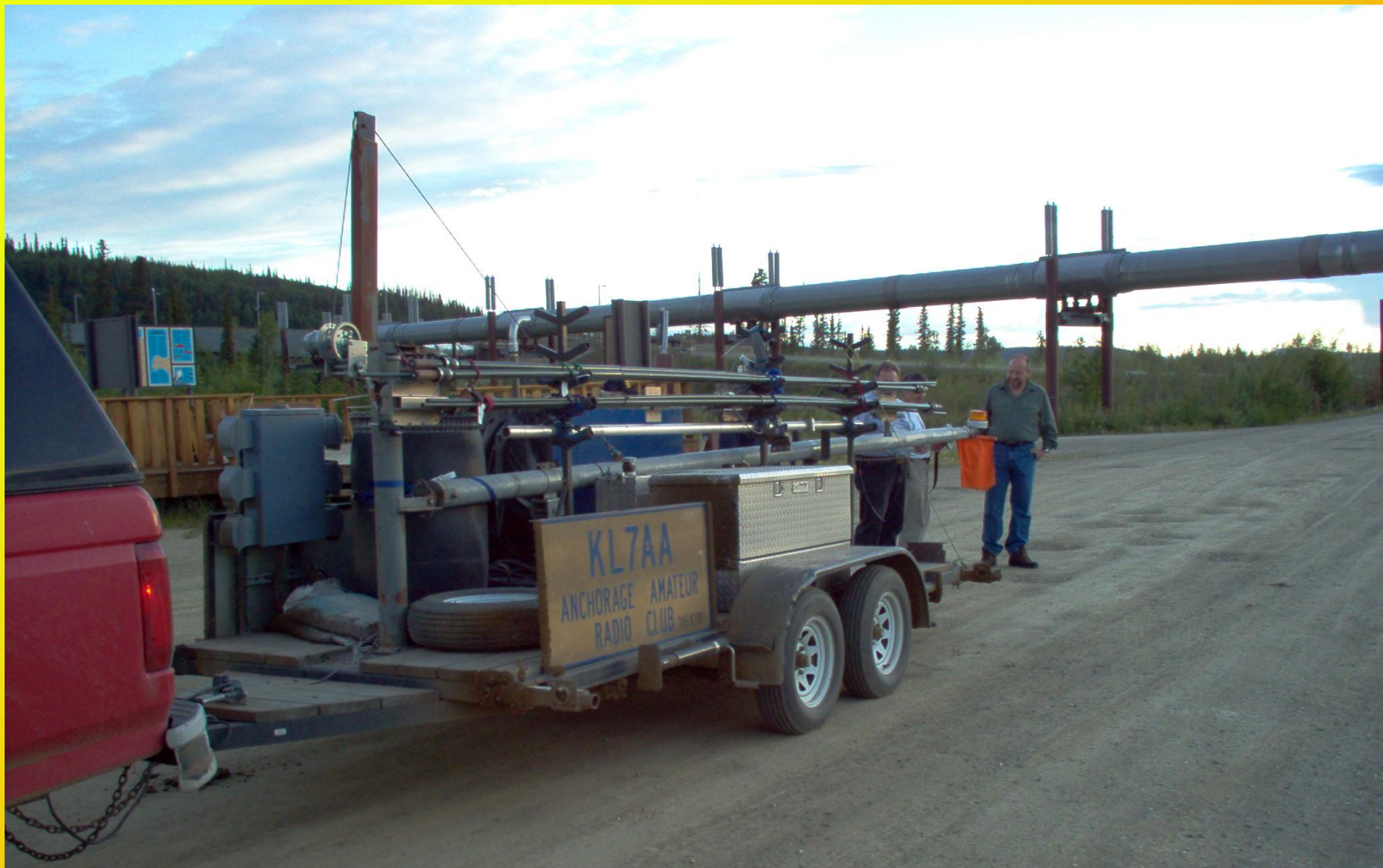
In to Denny's for Lunch



Secure the Load in Fairbanks Alaska



Pick up the HughesNet Dish

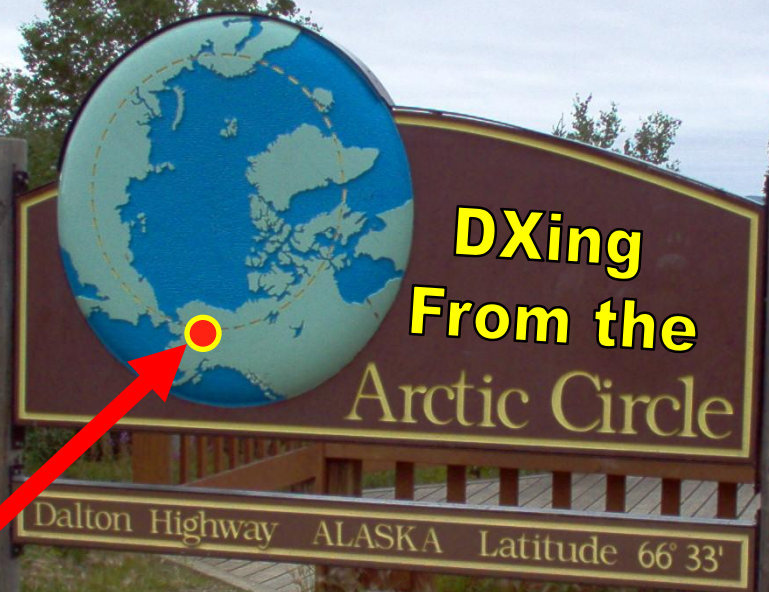


Rest Stop. Alaska Pipe Line at Yukon River Crossing



Lat: 66°33'North

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Lat: 66 33'North ZONE CQ-1 ITU-1
Long: 150 47'28.17"West BP56



MOVE THE TOWER



FIX THE BEAM



FIX THE BUGS & THE BEAM



POWER CABLES & COAX



KL7 WeatherPORT Ham Shack

W1AW/KL7
ARRL ALASKA Special Event Station

Location: Highway ALASKA, Lat/Long: 66 30'



ICOM



Special Event Sponsored by:
Icom America Inc.
Arctic Amateur Radio Club
American Radio Relay League
Anchorage Amateur Radio Club

Arctic Circle



ARRL The national association for
AMATEUR RADIO

www.arrl.org

ICOM



KL7 WeatherPORT Ham Shack



ARRL The national association for
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N/KL7
Special Event Station



Special Event Sponsored by:
Icom America Inc.
Arctic Amateur Radio Club
American Radio Relay League
Anchorage Amateur Radio Club

Arctic Circle



KL7 TEAM & Ham Shack



KL7 WeatherPORT & Ham in Shack



2008
"THE FINAL FRONTIER"

Anchorage, ALASKA

www.alaskahamfest.com



August
August





ICOM IC756PRO-III



INSIDE WeatherPORT Ham Shack



ISSN 1085-0708

VHF

Ham Radio Above 50 MHz

www.cq-vhf.com

Winter 2009

\$7.50

Riding The Terminator

The CYØX 2008
VHF DXpedition
An AM 6-Meter
Transmitter



- VHF/UHF Weak Signal ■ Projects
- Microwaves ■ Packet Radio
- Repeaters ■ Amateur Satellites
- Interviews ■ Plus...Reviews,
Product News, and much more!



Roger WBOCMZ



Roger WB0CMZ & Mark KL7TQ



5:30AM and Jim is still up

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And Then
DX Happens

5:00:46 AM UTC Thu 8/01/2008



File Edit Display Animate Satellite Help



W1AW / KL7 on a flat MAP

W

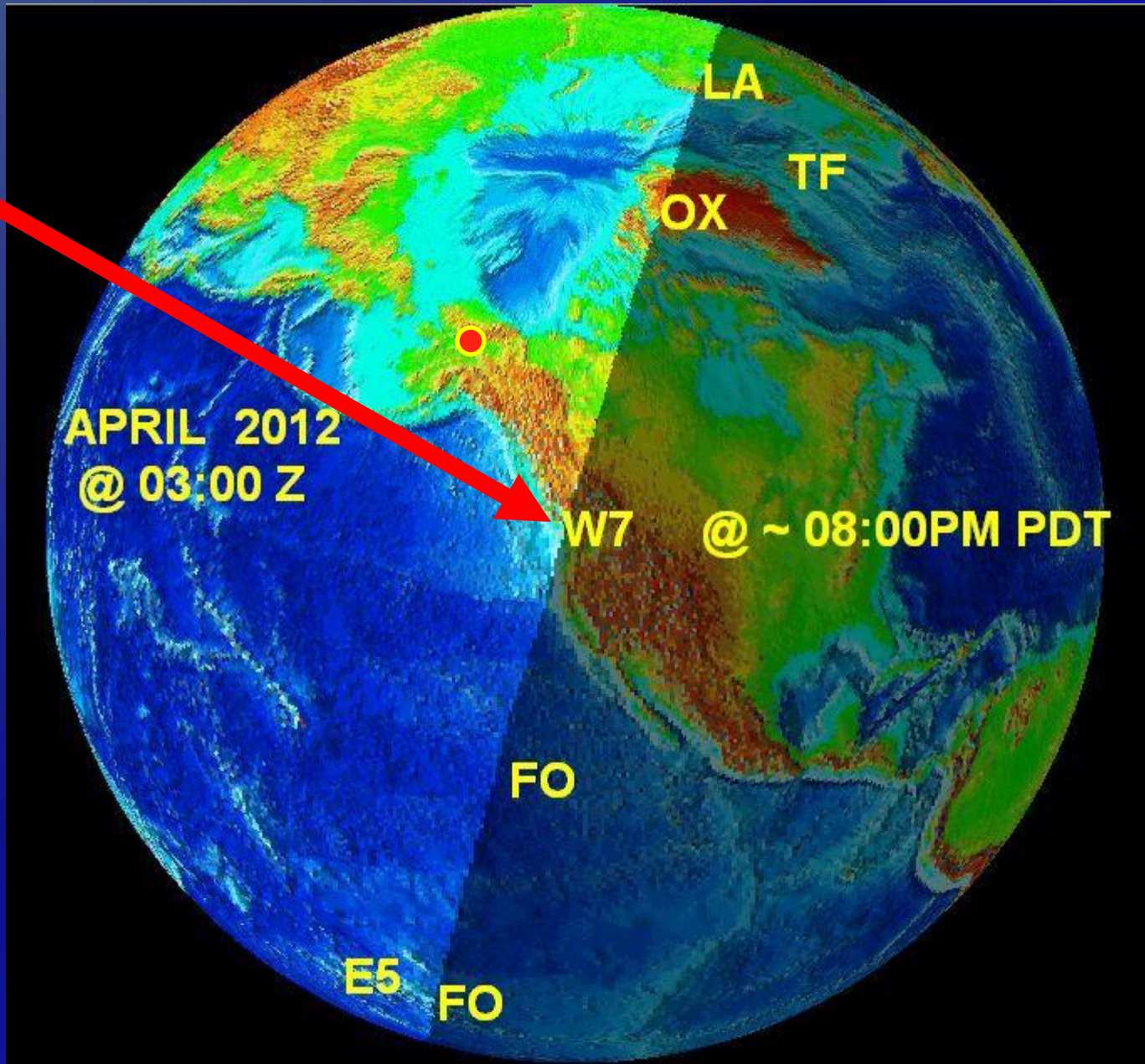
7

@

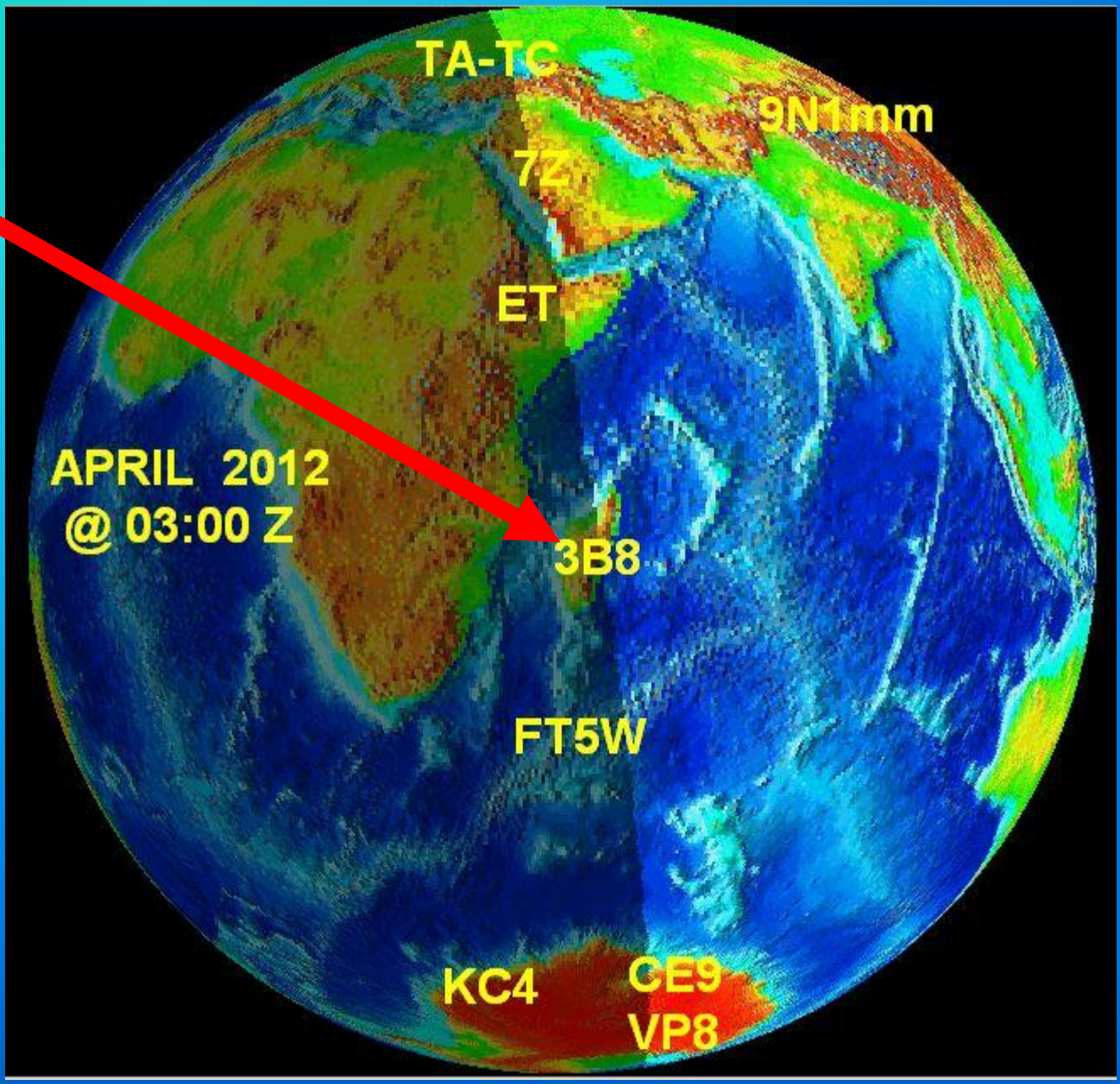
8

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W1AW / KL7

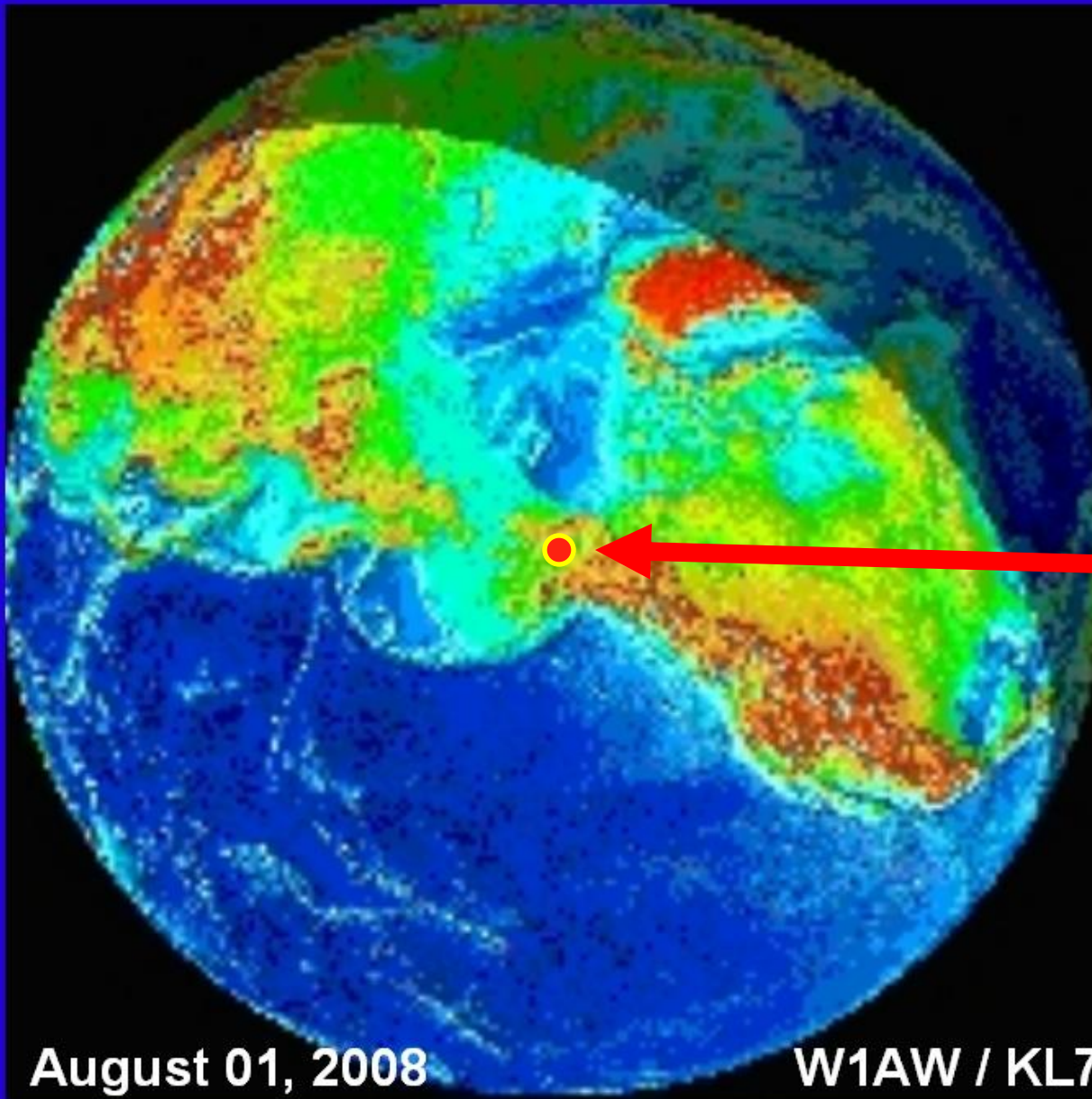
66°33' North

W1AW / iSS

**2014
World Wide
Amateur
Radio Fun**

W1AW / KC4

66°33' South



00:00 UTC

16:00 AKDT

17:00 PDT

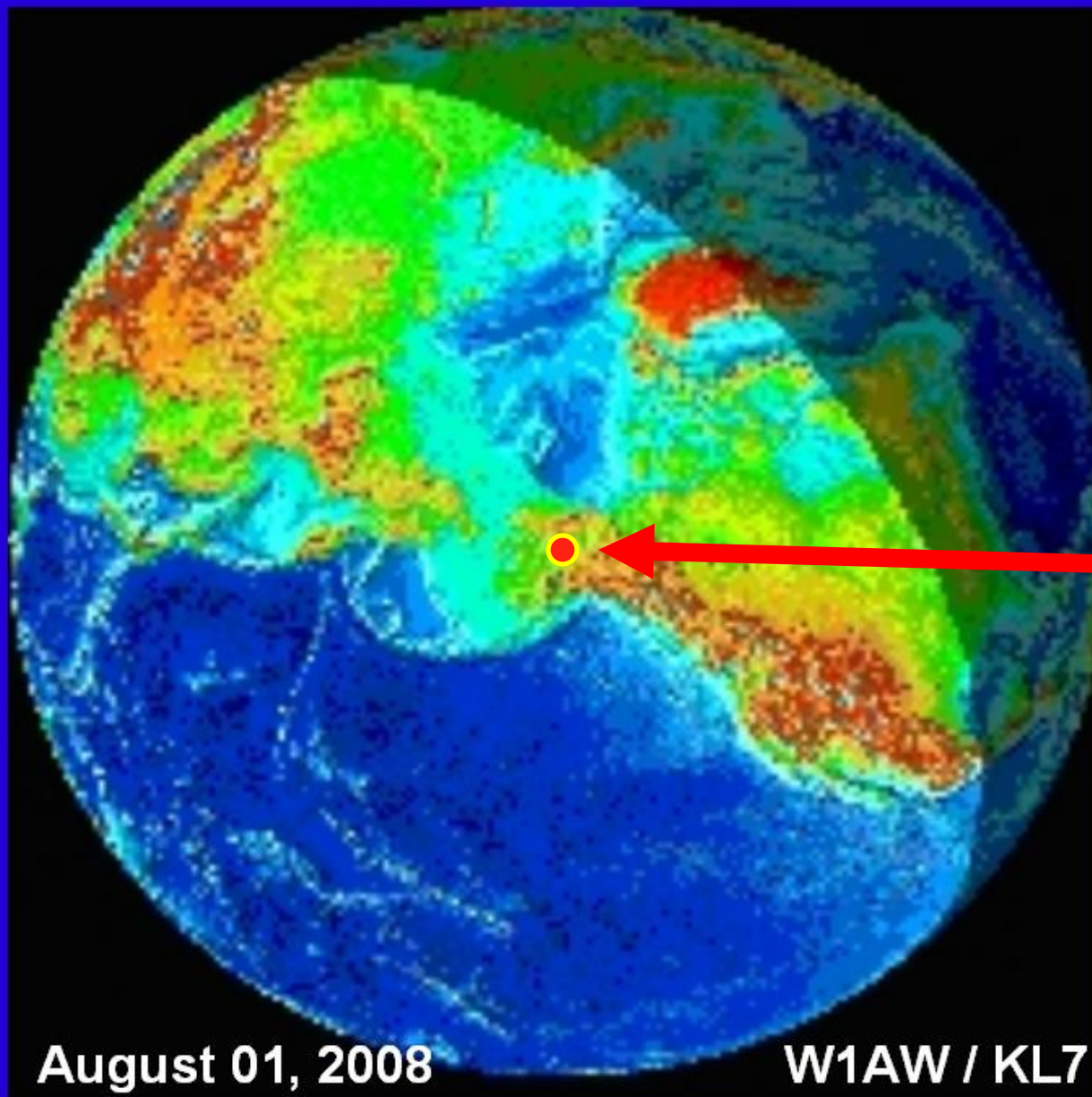
20:00 EDT

**14:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



01:00 UTC

17:00 AKDT

18:00 PDT

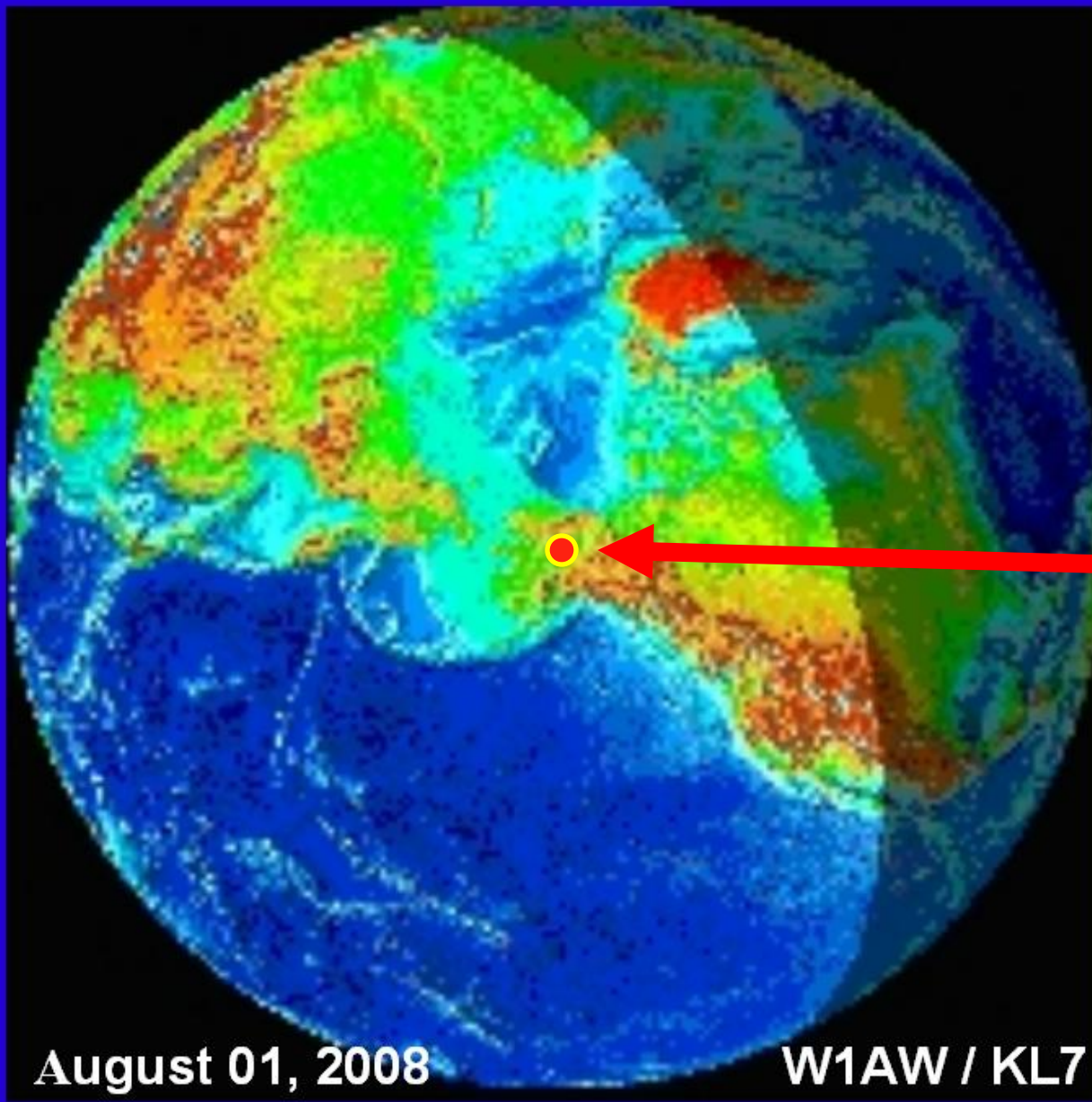
21:00 EDT

**15:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



02:00 UTC

18:00 AKDT

19:00 PDT

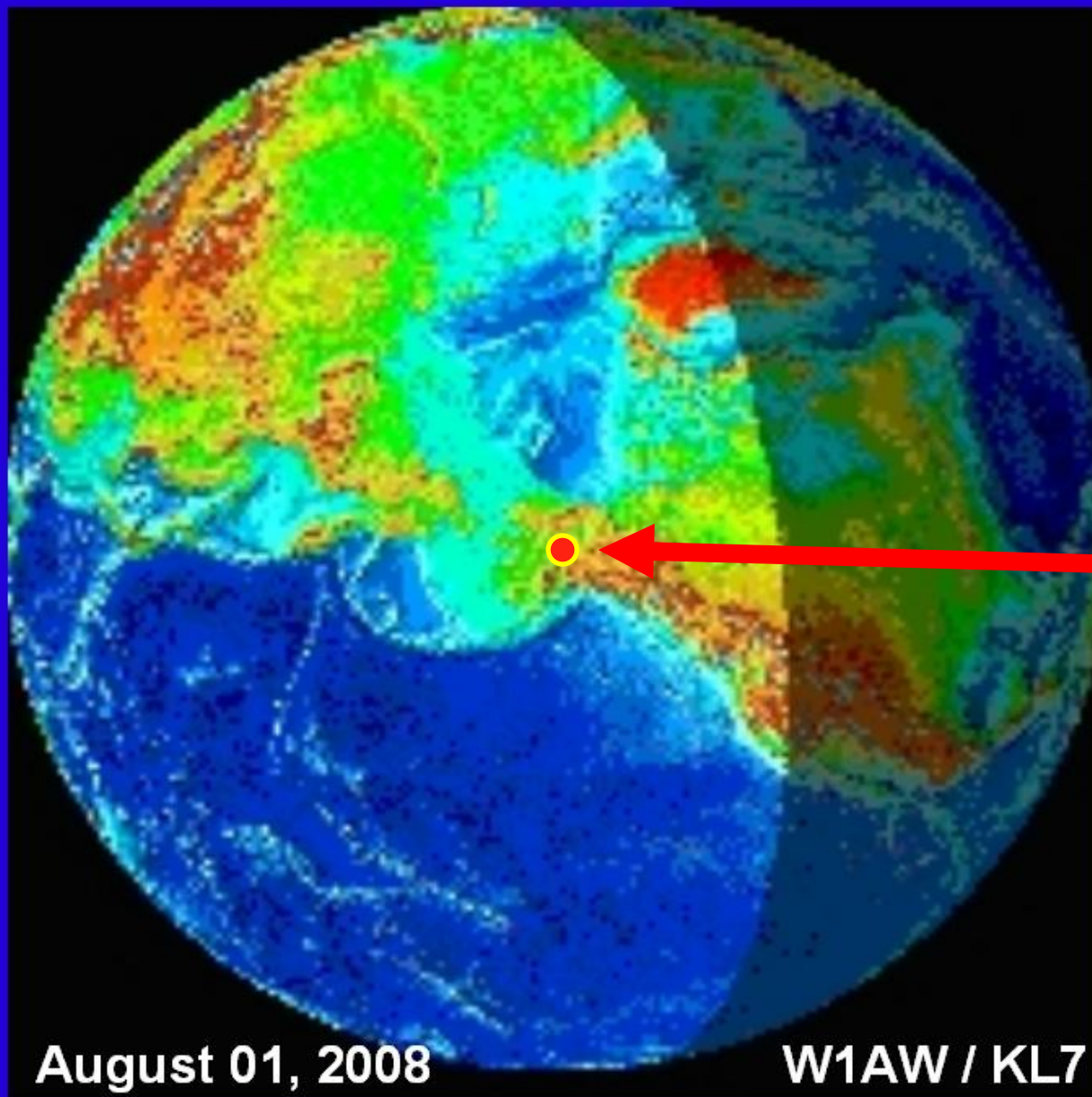
22:00 EDT

**16:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



03:00 UTC

19:00 AKDT

20:00 PDT

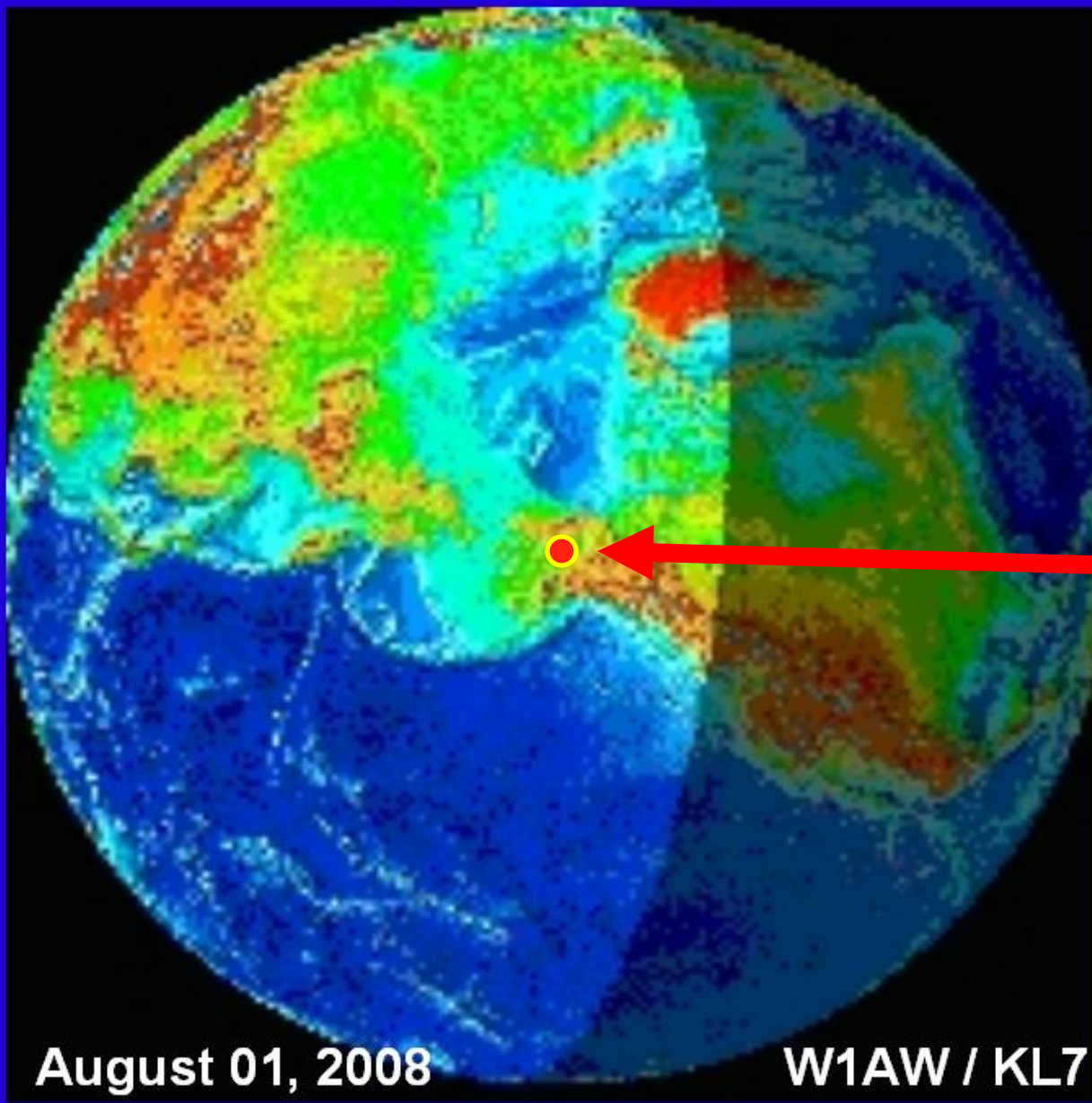
23:00 EDT

**17:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



04:00 UTC

20:00 AKDT

21:00 PDT

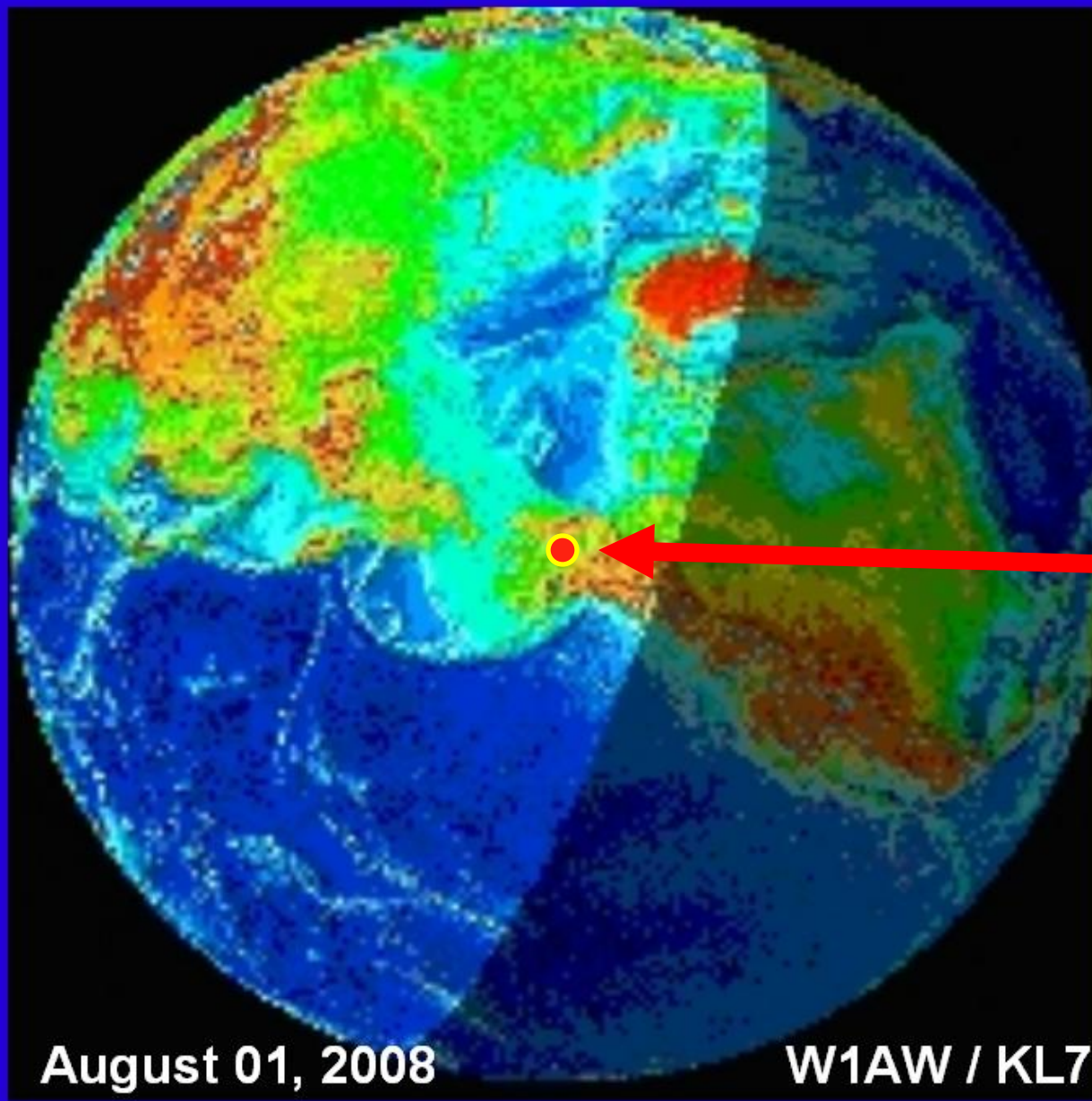
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**18:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



05:00 UTC

21:00 AKDT

22:00 PDT

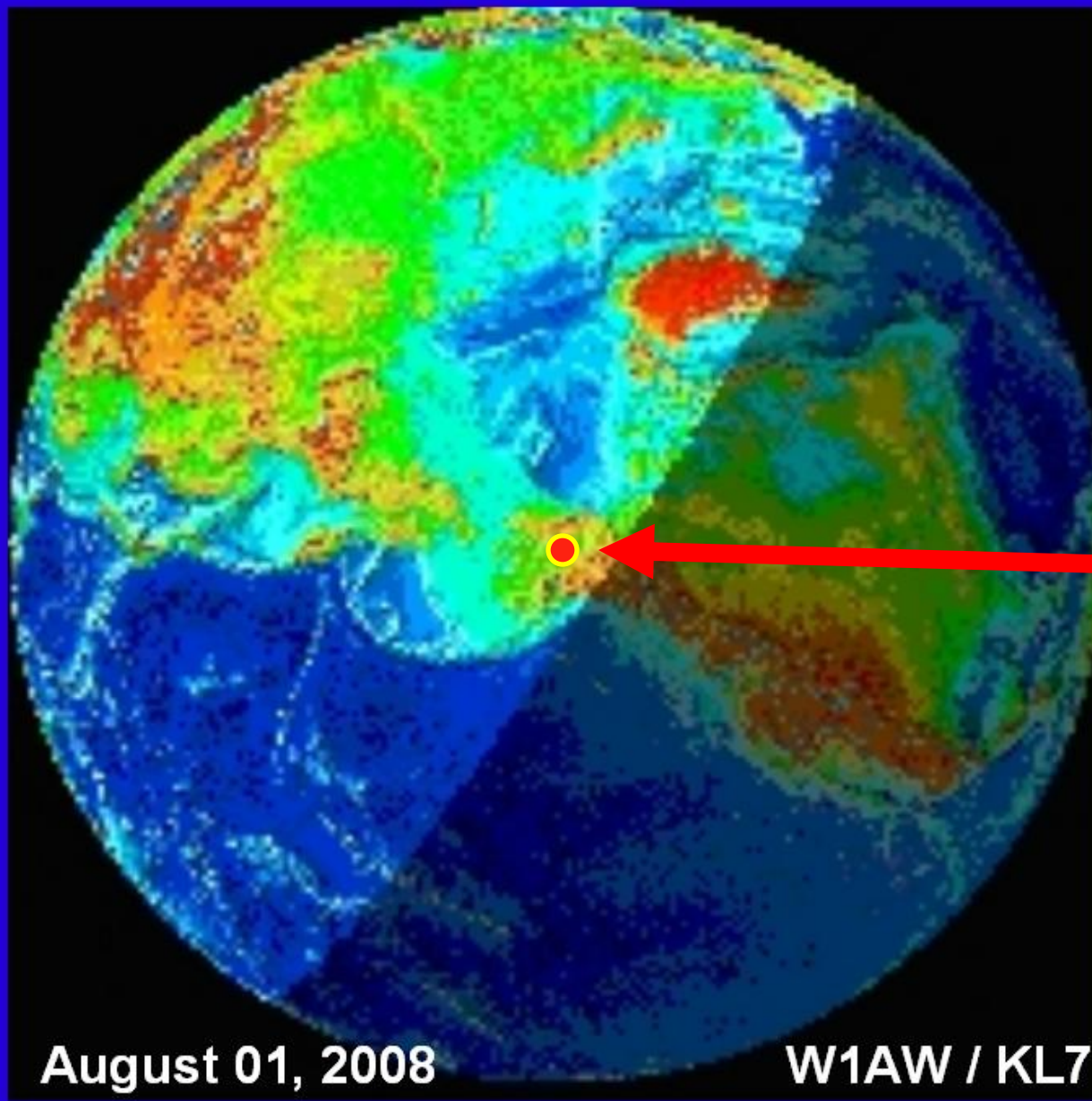
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Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



06:00 UTC

22:00 AKDT

23:00 PDT

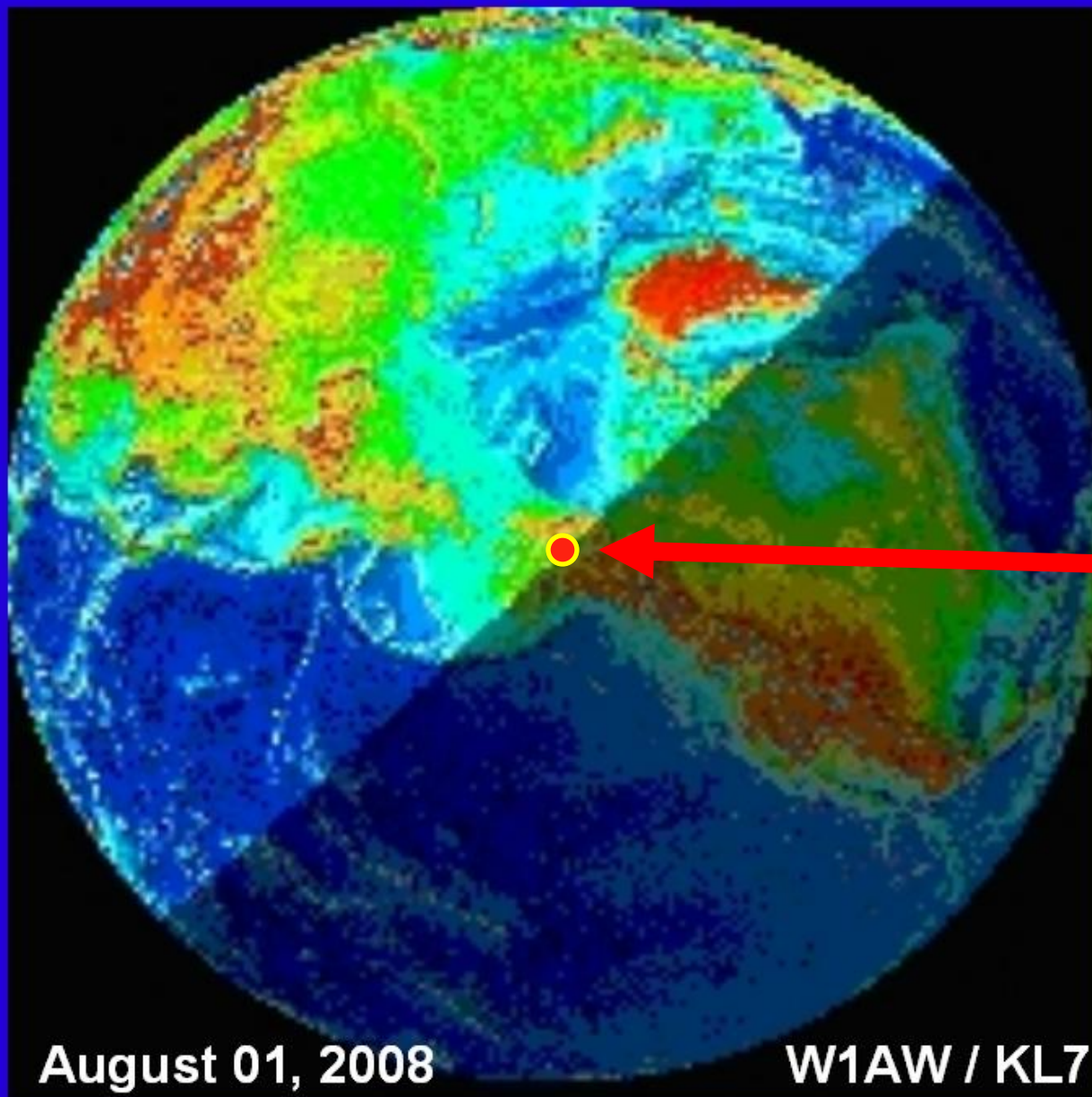
02:00 EDT

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Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



07:00 UTC

23:00 AKDT

00:00 PDT

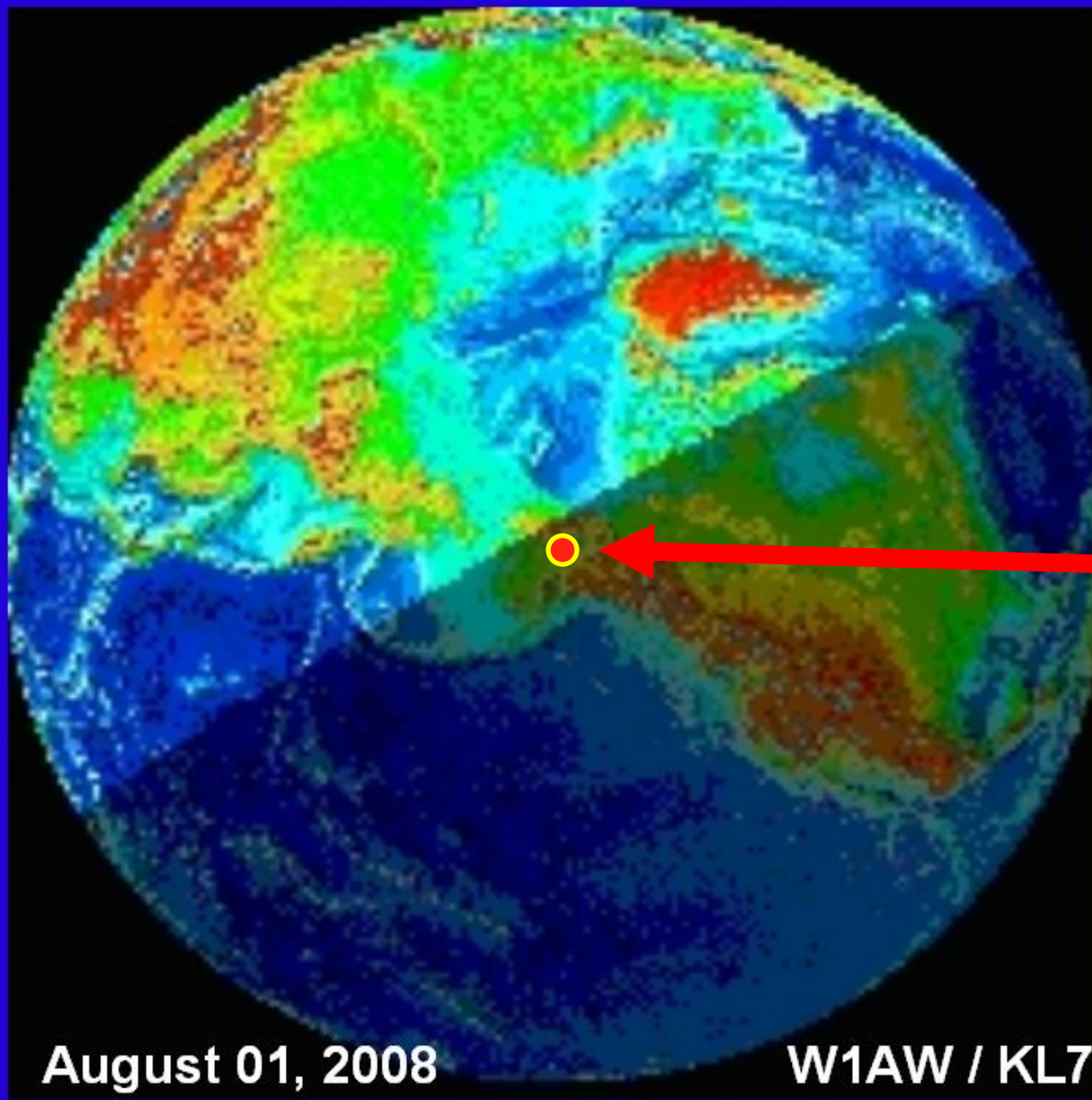
03:00 EDT

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Arctic Circle
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150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



08:00 UTC

00:00 AKDT

01:00 PDT

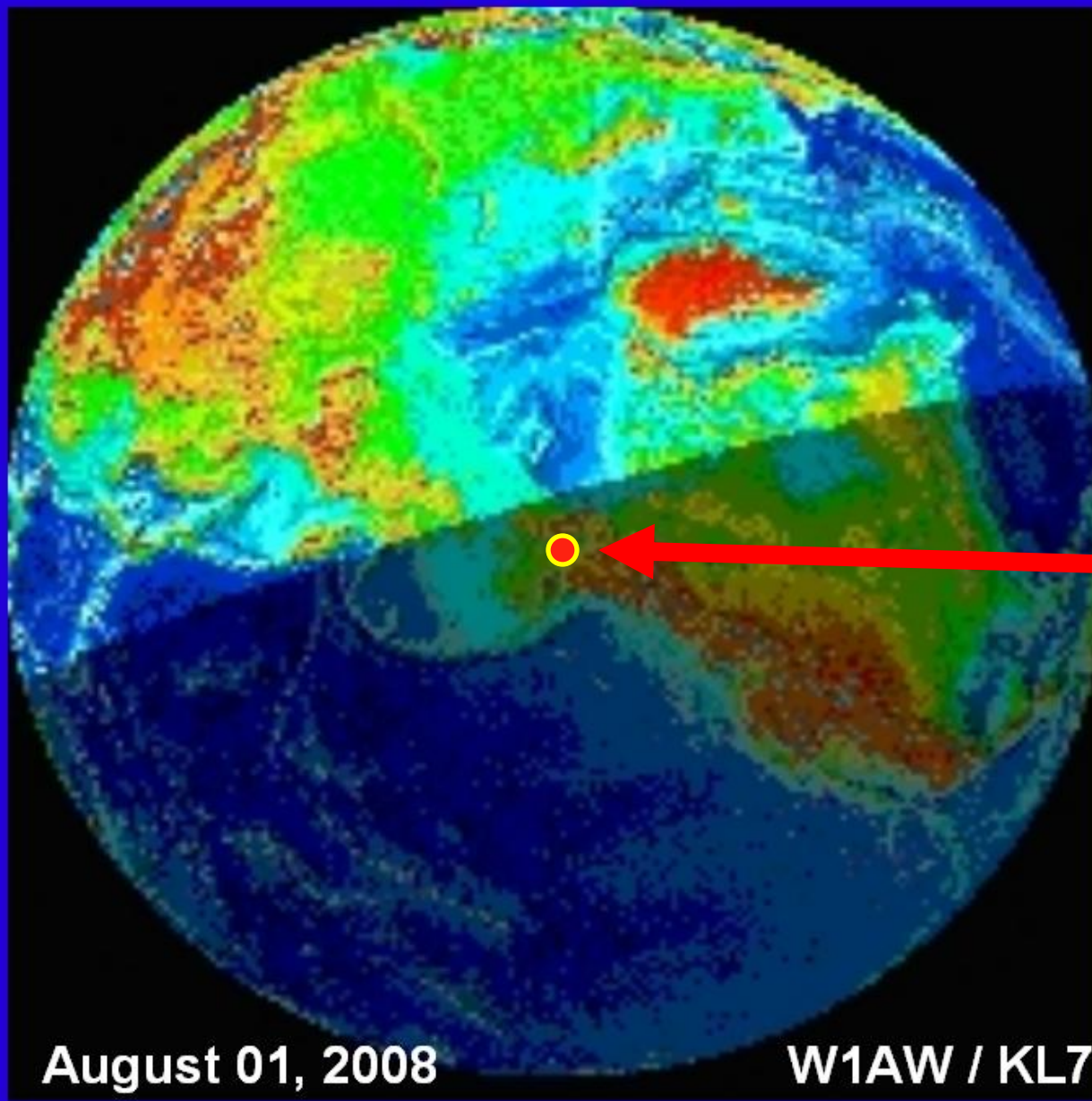
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**22:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



09:00 UTC

01:00 AKDT

02:00 PDT

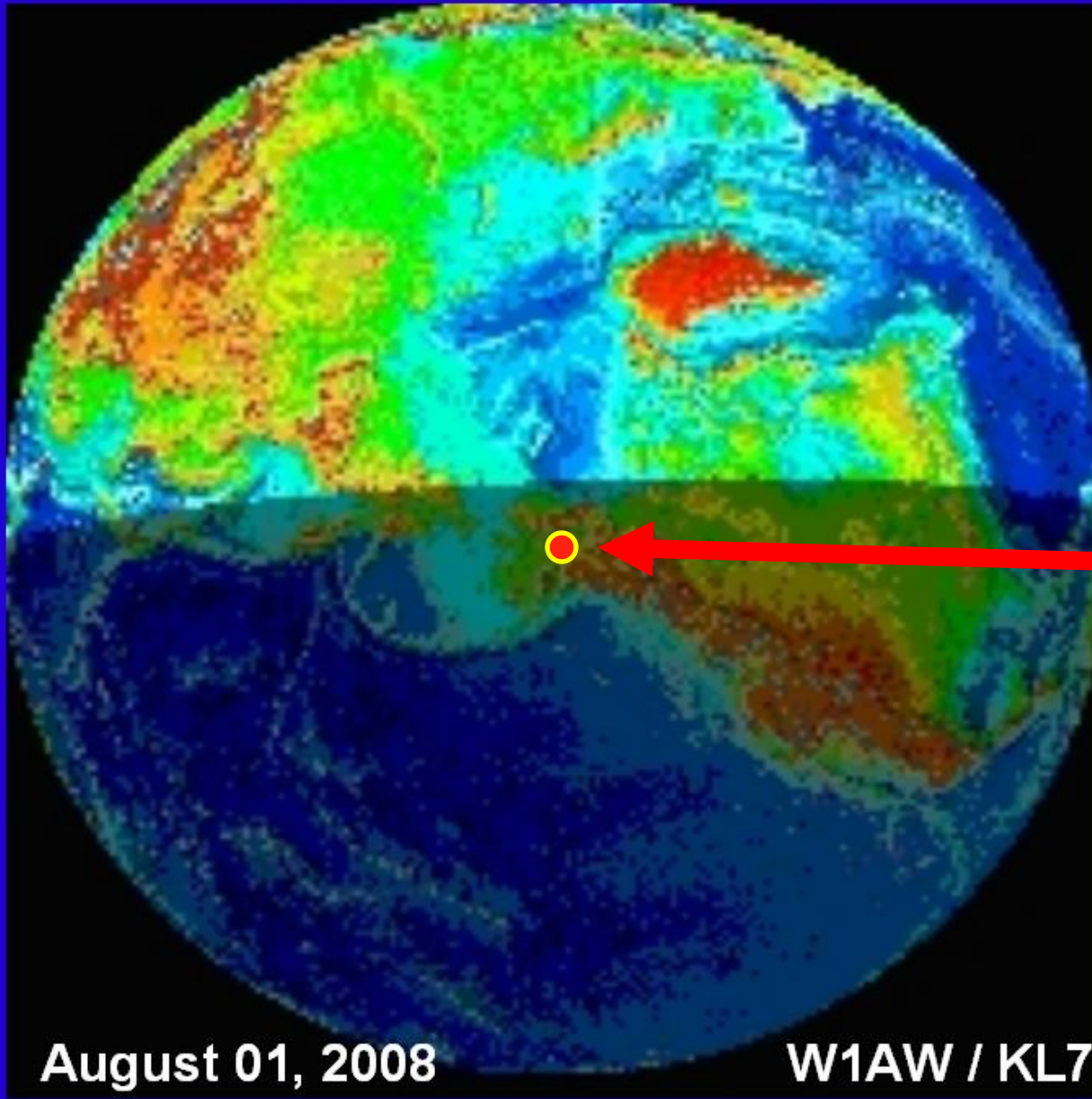
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Sun Time @
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150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



10:00 UTC

02:00 AKDT

03:00 PDT

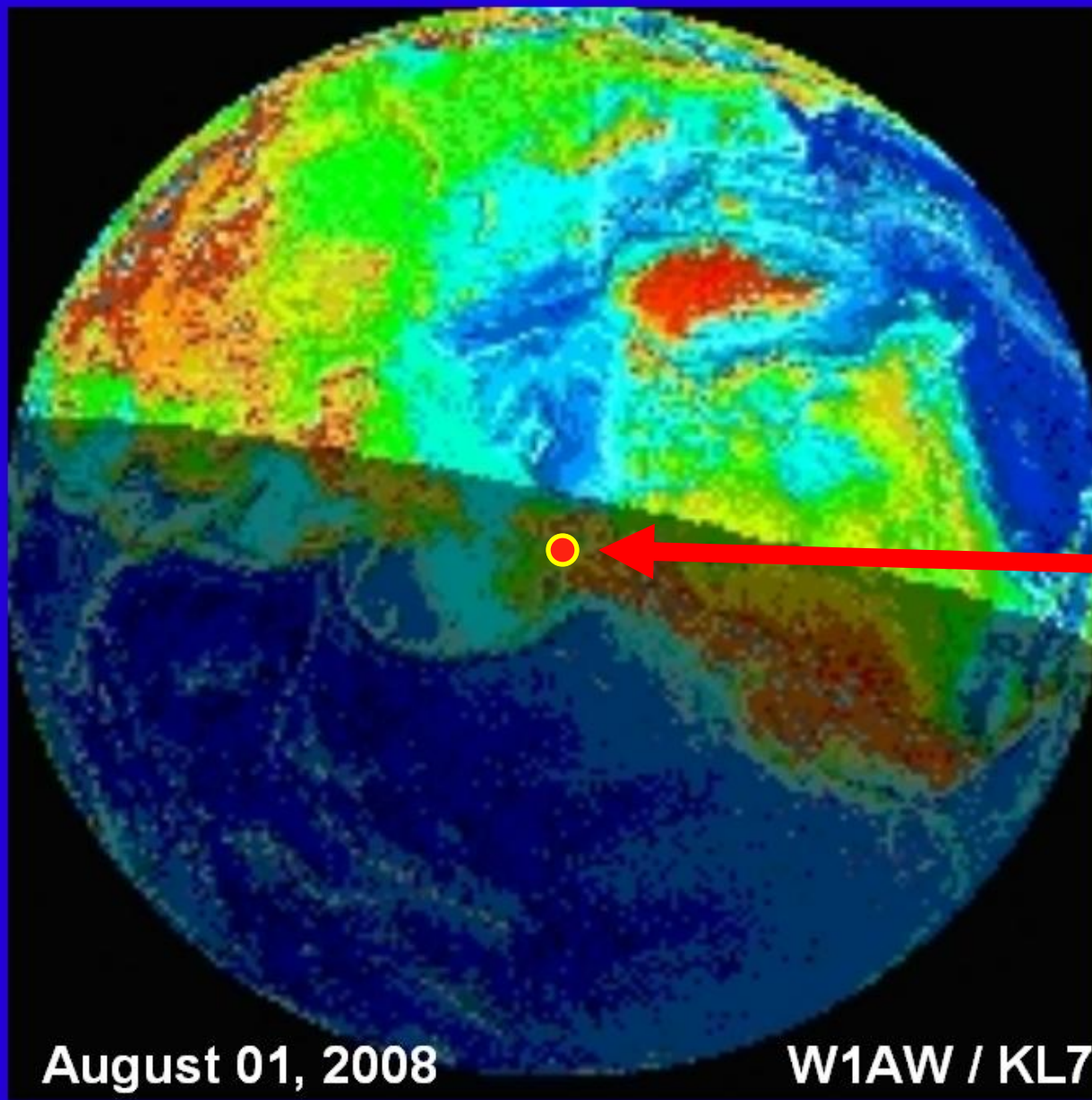
06:00 EDT

**00:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



11:00 UTC

03:00 AKDT

04:00 PDT

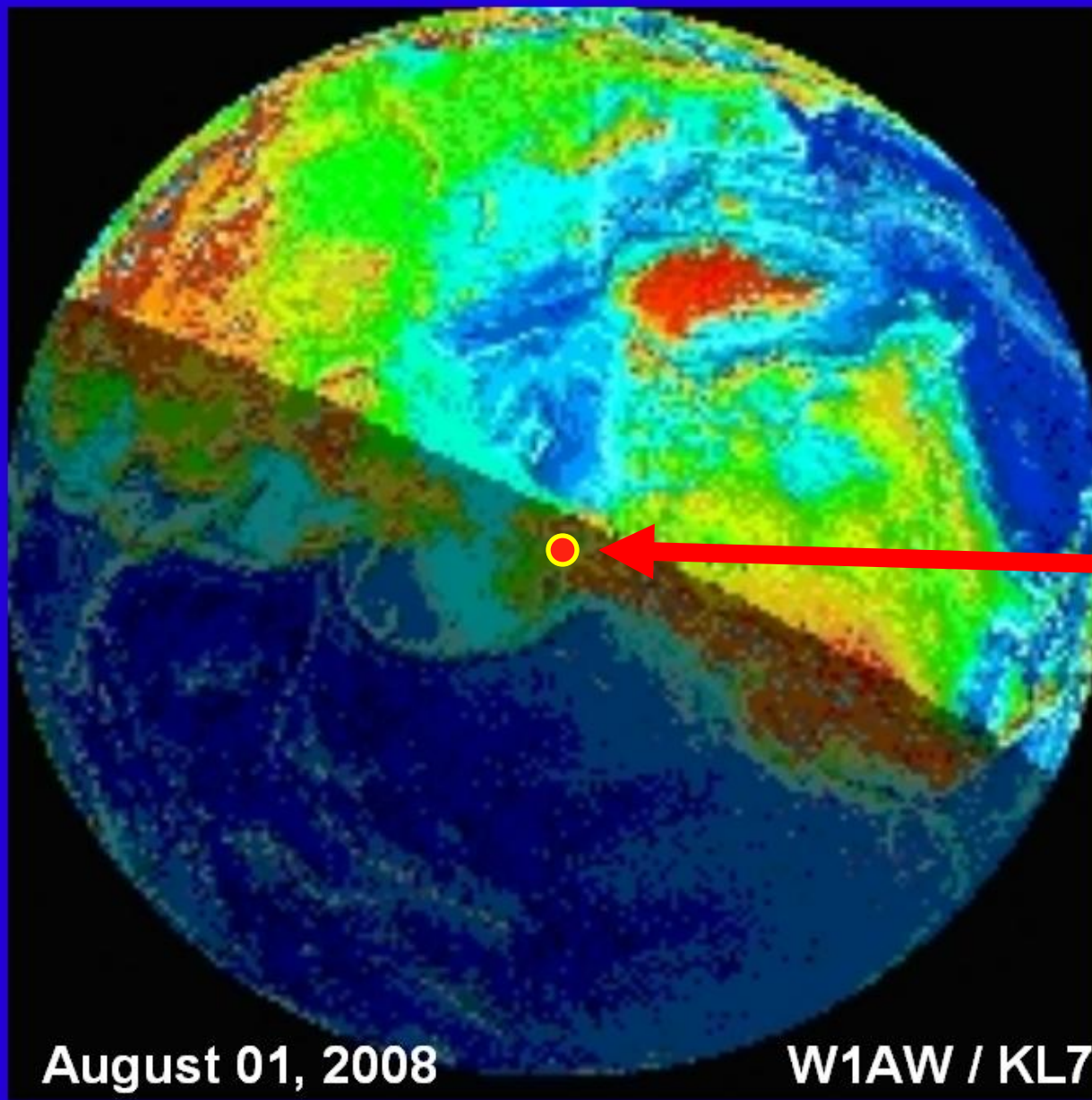
07:00 EDT

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Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



12:00 UTC

04:00 AKDT

05:00 PDT

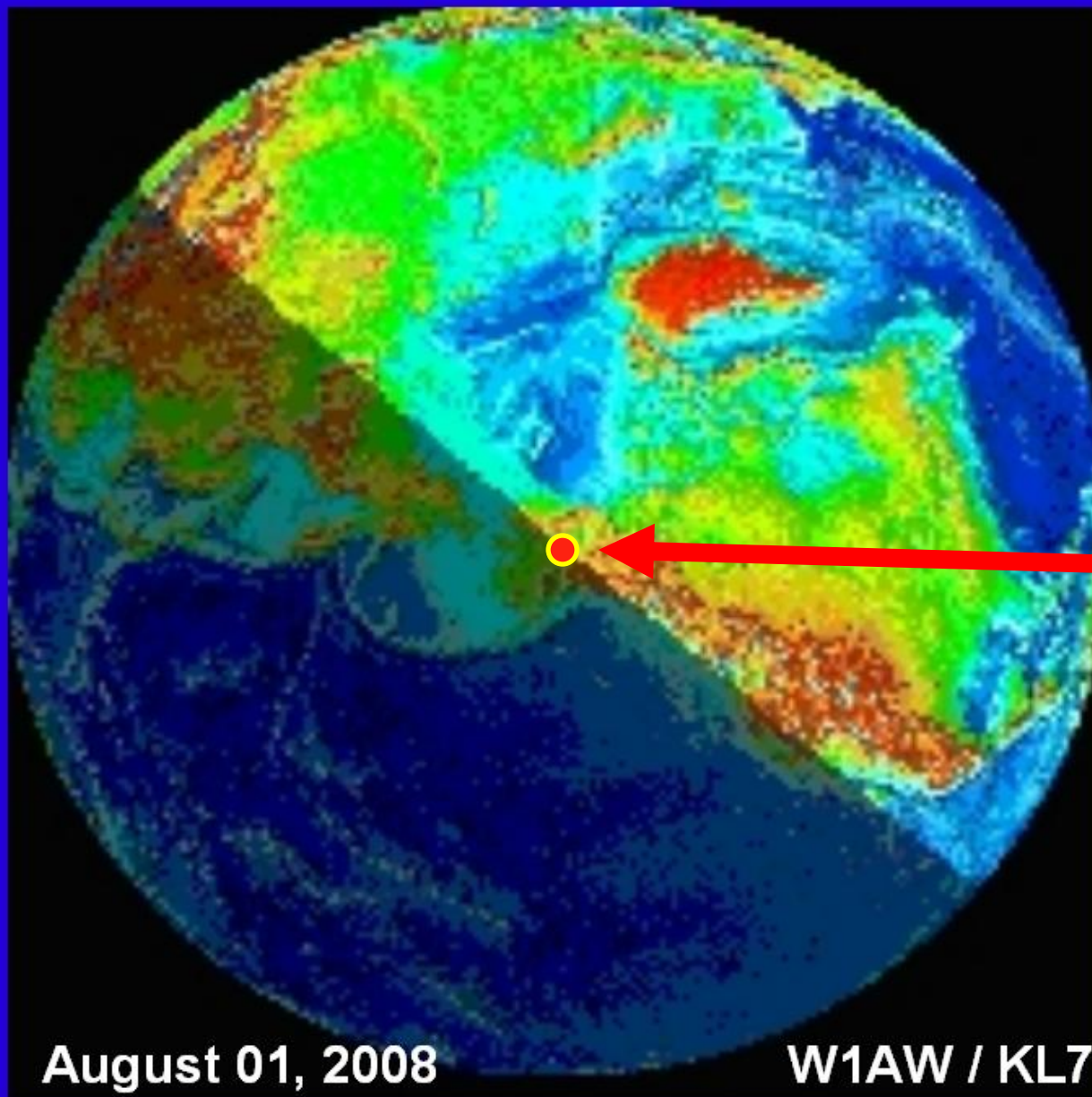
08:00 EDT

**02:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



13:00 UTC

05:00 AKDT

06:00 PDT

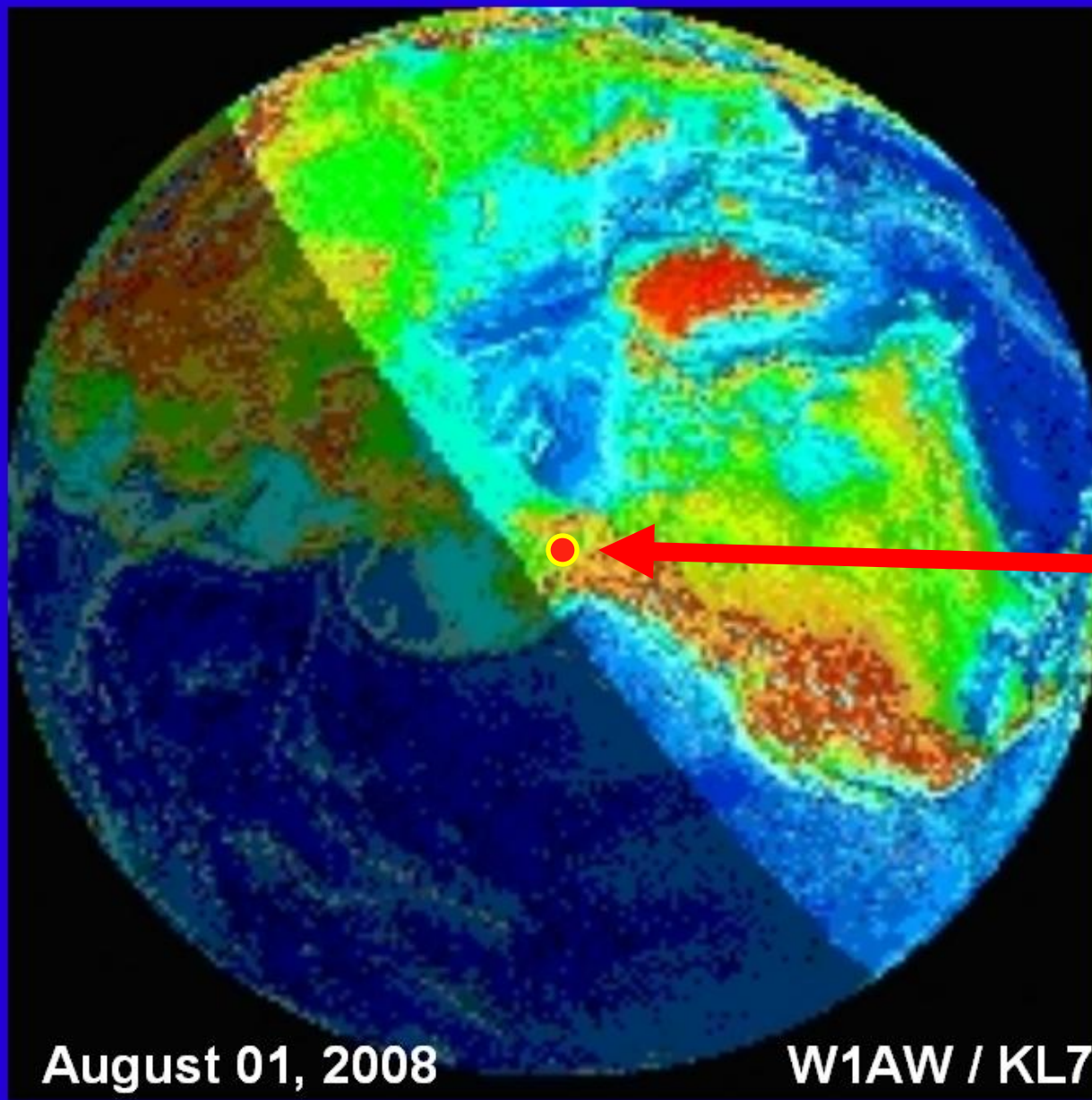
09:00 EDT

**03:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



14:00 UTC

06:00 AKDT

07:00 PDT

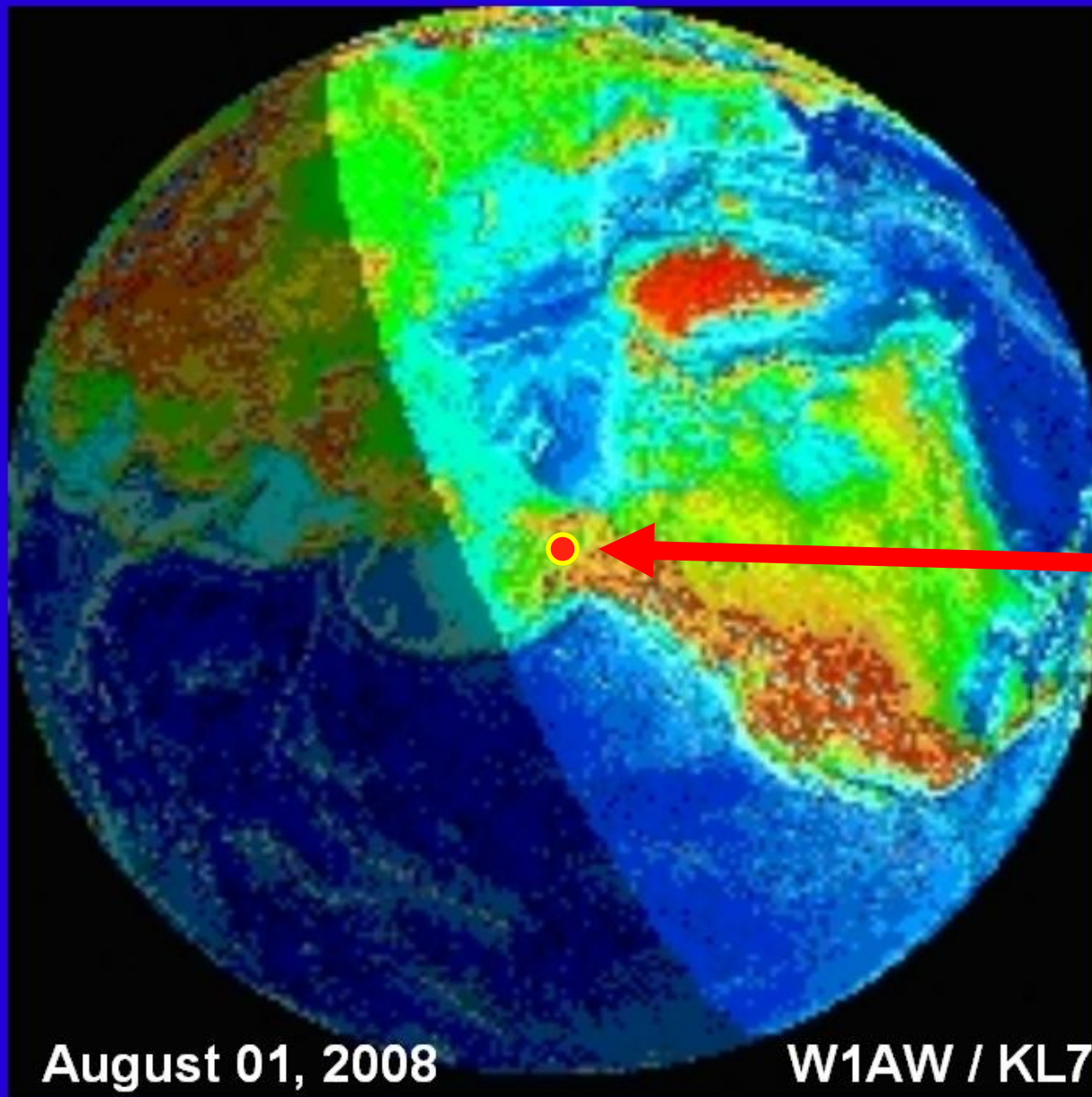
10:00 EDT

**04:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



15:00 UTC

07:00 AKDT

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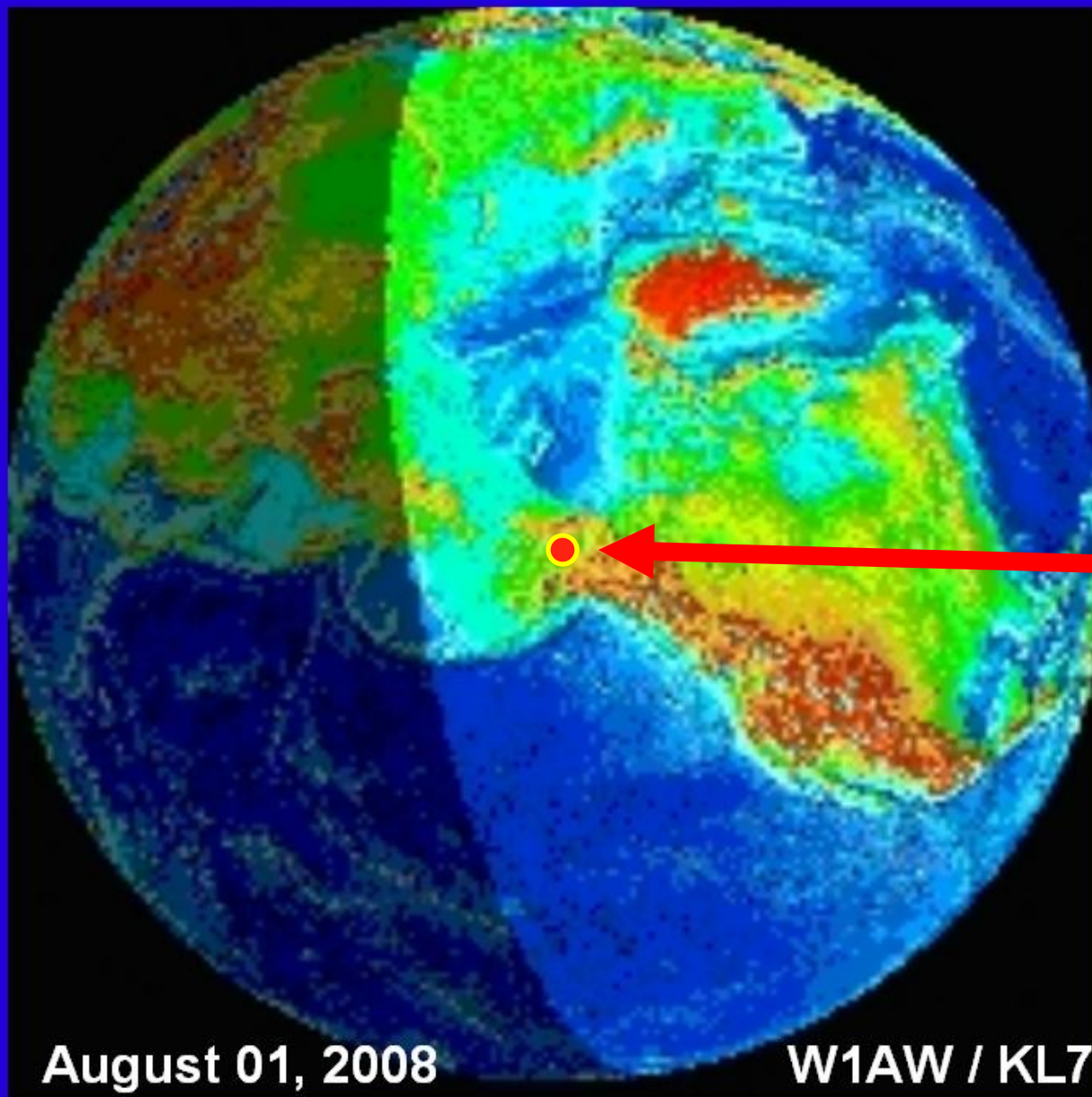
11:00 EDT

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Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



16:00 UTC

08:00 AKDT

09:00 PDT

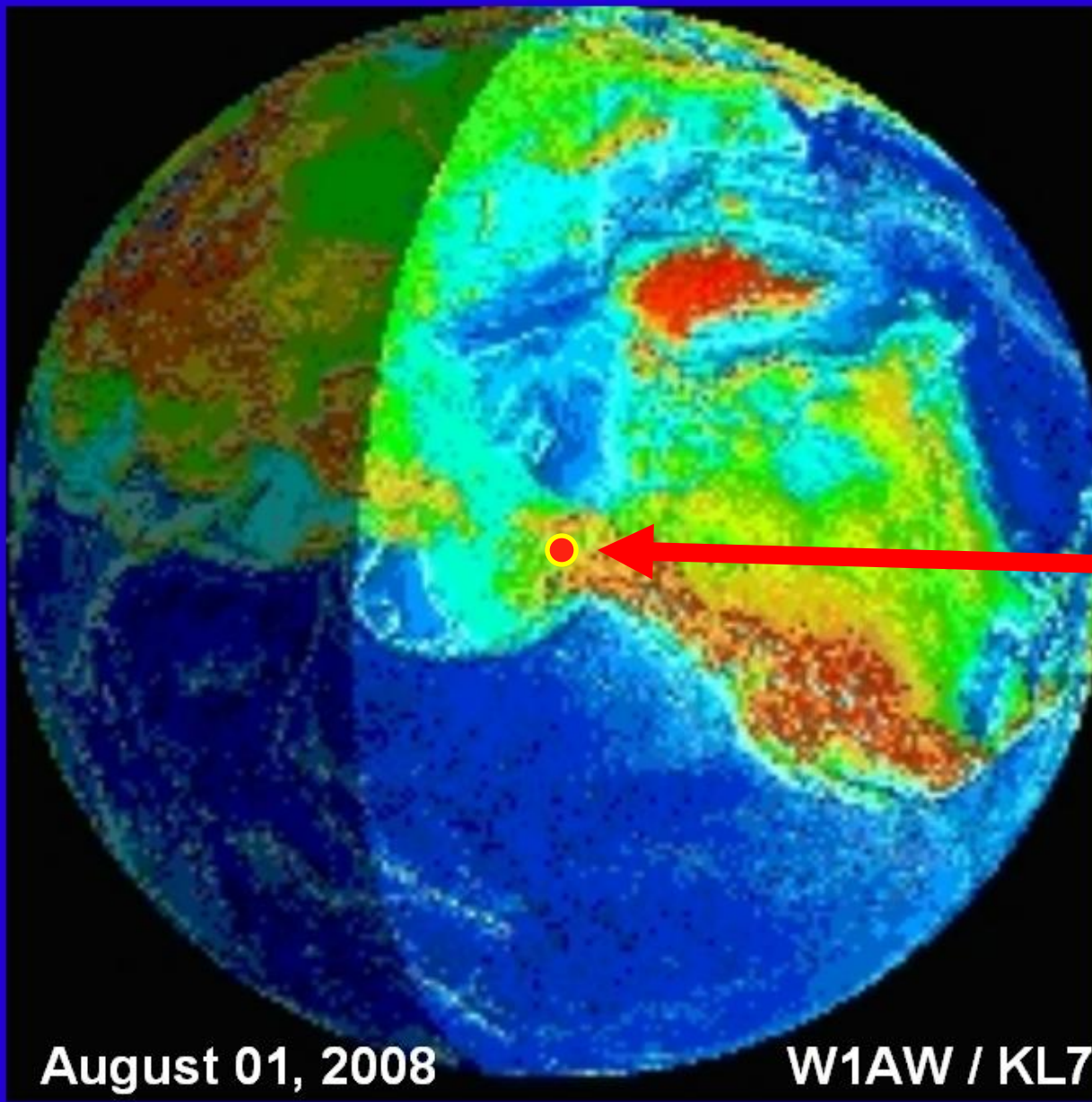
12:00 EDT

**06:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



17:00 UTC

09:00 AKDT

10:00 PDT

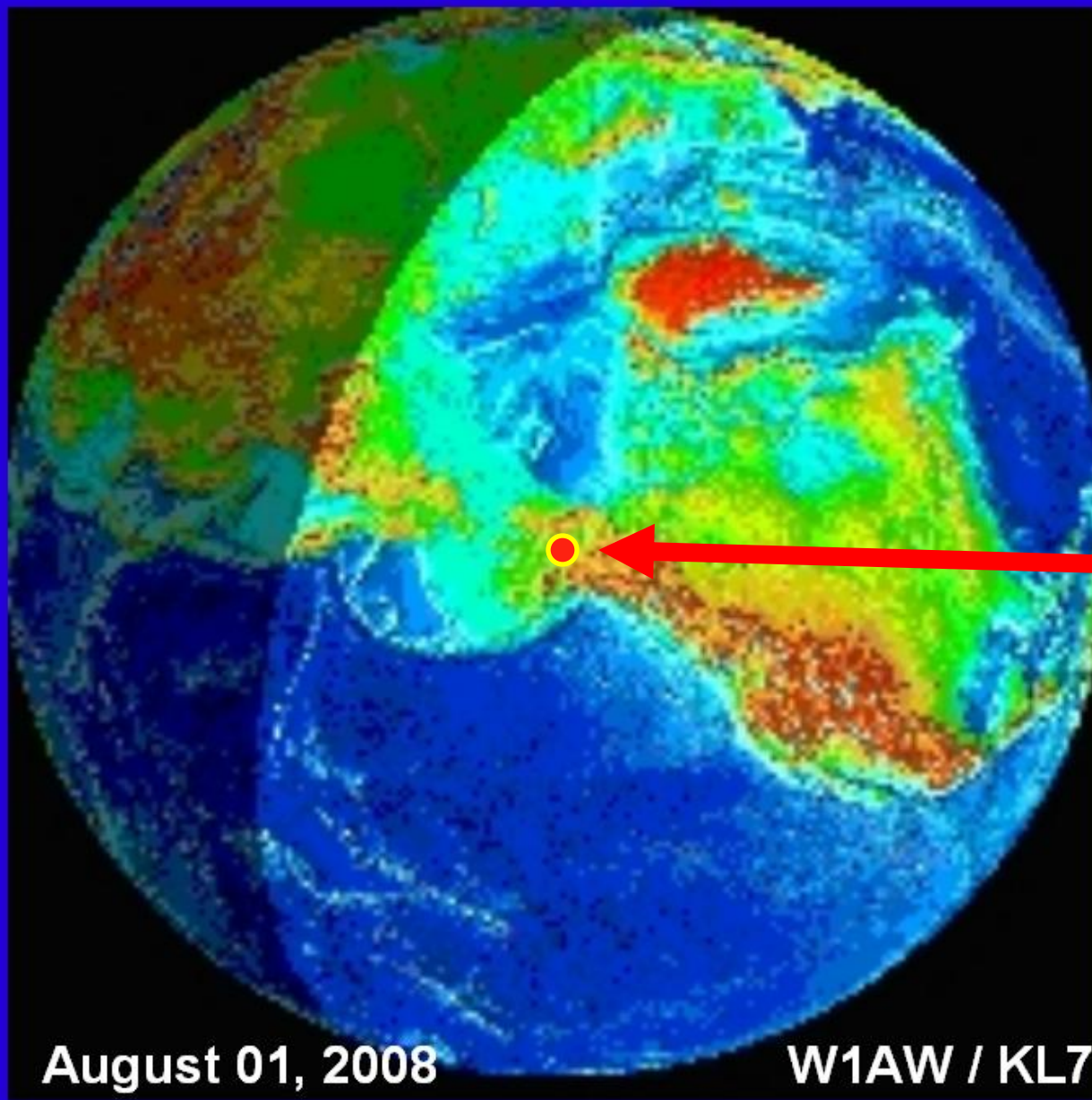
13:00 EDT

**07:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



18:00 UTC

10:00 AKDT

11:00 PDT

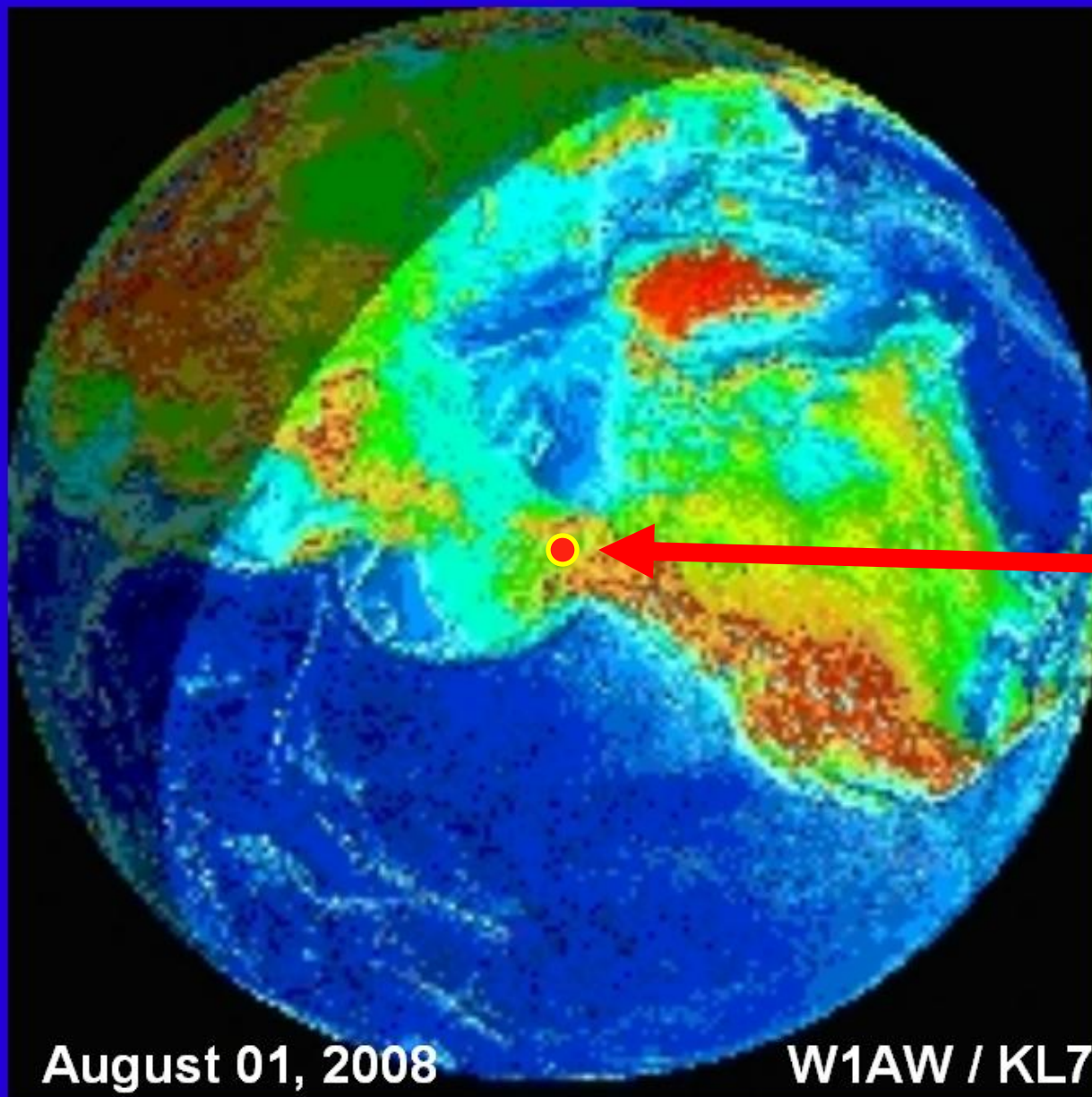
14:00 EDT

**08:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



19:00 UTC

11:00 AKDT

12:00 PDT

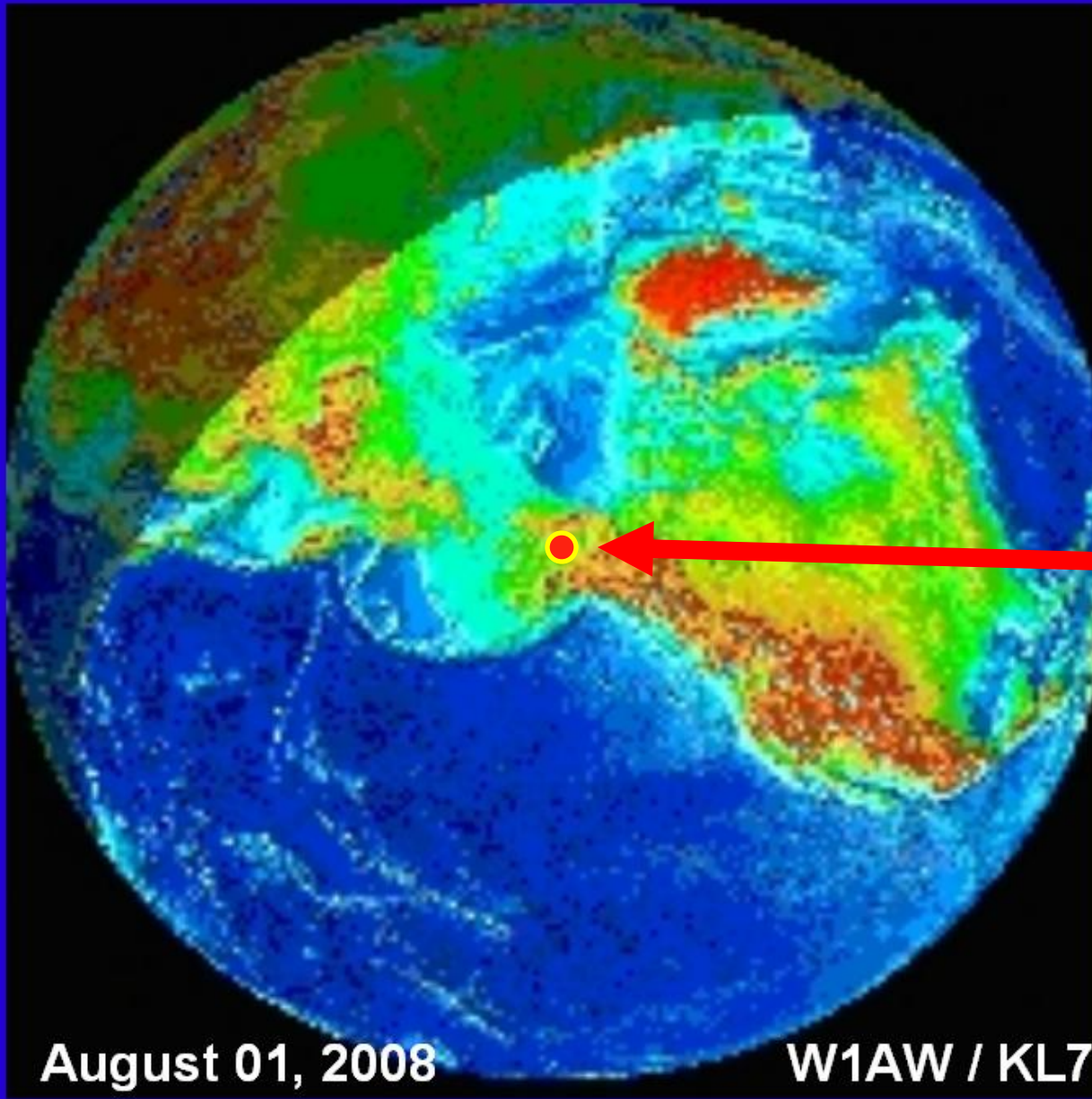
15:00 EDT

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Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



20:00 UTC

12:00 AKDT

13:00 PDT

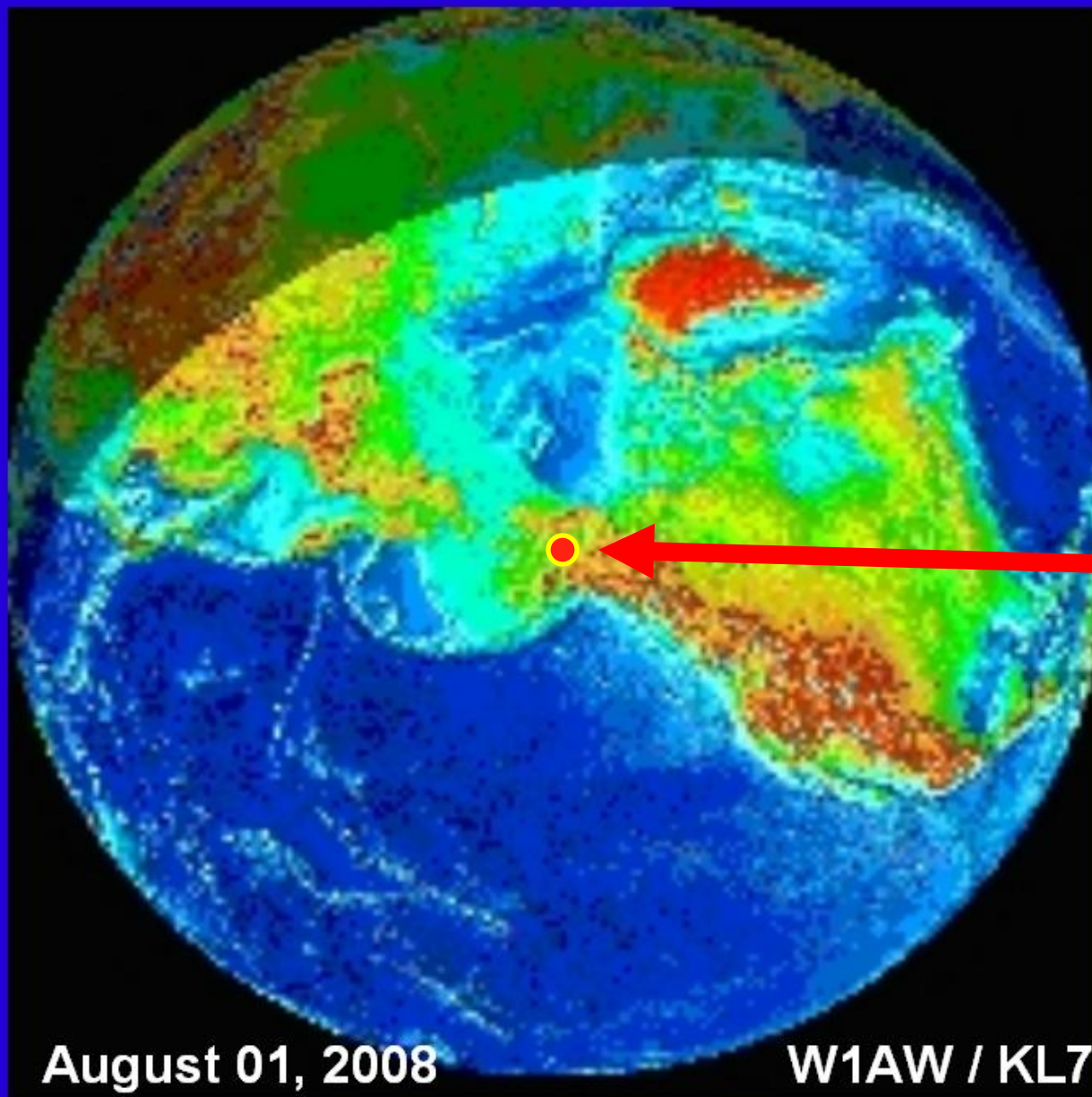
16:00 EDT

**10:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



21:00 UTC

13:00 AKDT

14:00 PDT

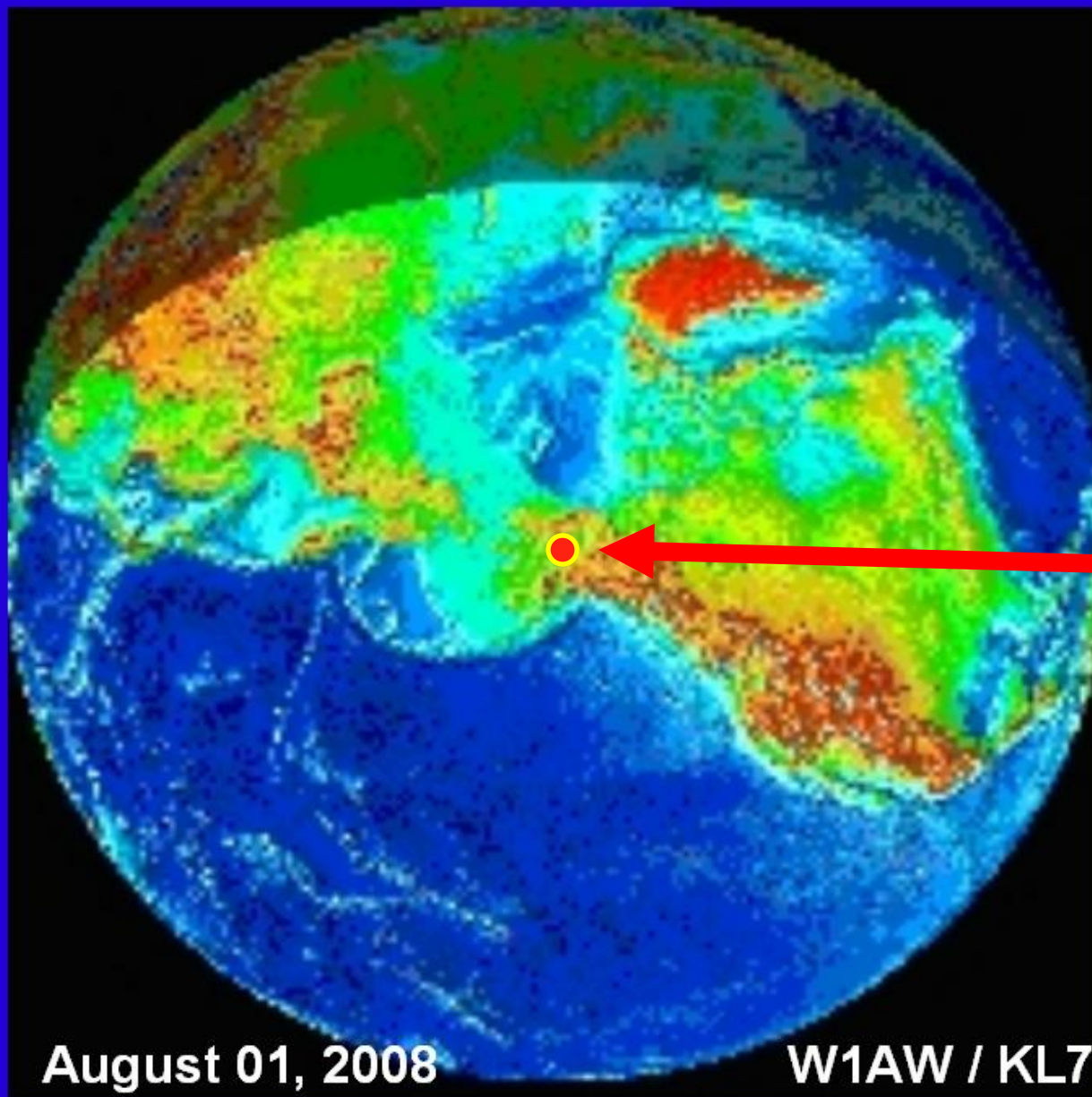
17:00 EDT

**11:00 Local
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Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



22:00 UTC

14:00 AKDT

15:00 PDT

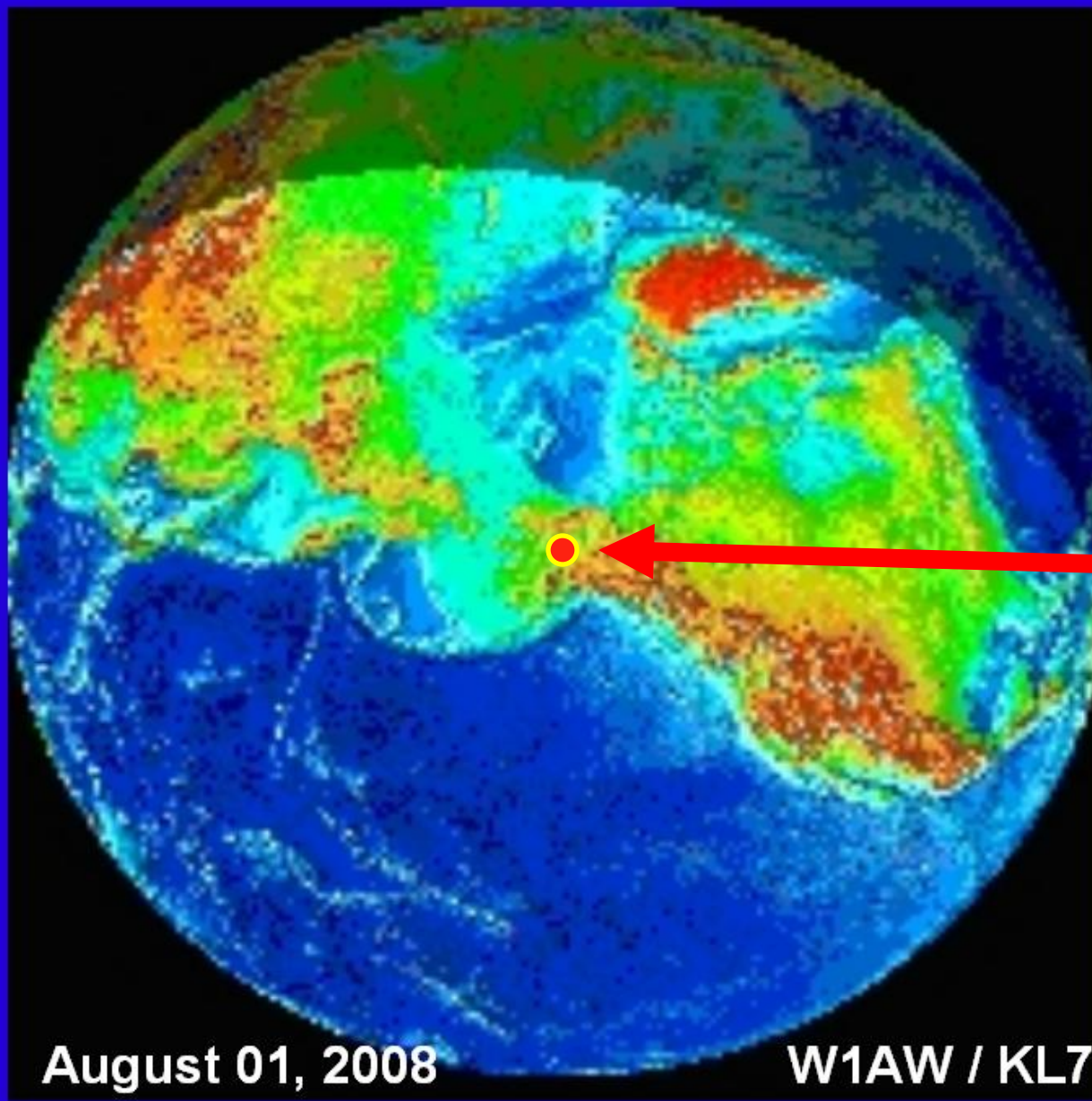
18:00 EDT

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Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



23:00 UTC

15:00 AKDT

16:00 PDT

19:00 EDT

**13:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7



W1AW / KL7

7-26-2008 IOTA Contest

05:50Z	DL8FL	
05:56Z	RX9WN	
05:57Z	RA1OD	
05:58Z	IK2QPR	
06:01Z	OH1TIN	
06:02Z	HA0DU	
06:03Z	OA8A	
06:06Z	OE8HAQ	
06:07Z	SP9LJD	06:40Z DK2BS
06:09Z	I5YSZ	06:41Z EA3CC
06:13Z	ES7FQ	06:42Z F6EKS
06:15Z	HB9AFI	06:43Z DL5FU
06:16Z	DL8UP	06:44Z DL6FEM
06:20Z	RN3AHL	06:50Z SM6CWK
06:25Z	OE8HIK	06:51Z IW1GGN
06:27Z	I0MPF	06:53Z IK0IOL
06:29Z	IK2TDR	06:55Z ON4WNF
06:32Z	IK2WFI	06:55Z ON4OSN
06:36Z	LA4UOA	06:56Z ON4IZ
06:38Z	RU4SU	06:58Z SM5AQD
		06:58Z SM5SQD

06:00 UTC

22:00 AKDT

23:00 PDT

02:00 EDT

**20:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

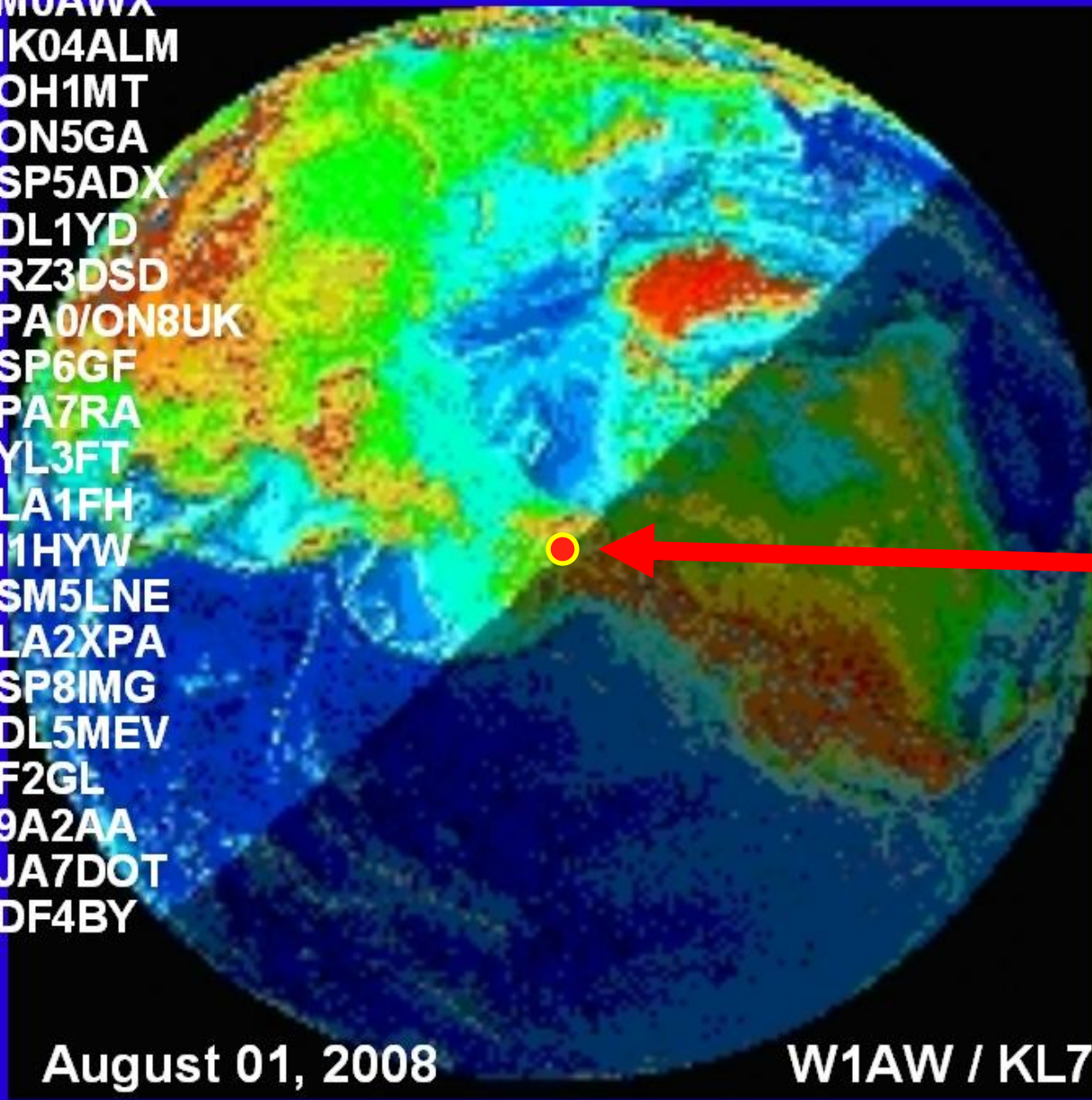
BP - 56

August 01, 2008

W1AW / KL7

7-26-2008 IOTA Contest

07:00Z M0AWX
07:11Z IK04ALM
07:12Z OH1MT
07:14Z ON5GA
07:17Z SP5ADX
07:19Z DL1YD
07:22Z RZ3DSD
07:23Z PA0/ON8UK
07:25Z SP6GF
07:29Z PA7RA
07:30Z YL3FT
07:33Z LA1FH
07:37Z I1HYW
07:39Z SM5LNE
07:43Z LA2XPA
07:45Z SP8IMG
07:47Z DL5MEV
07:50Z F2GL
07:51Z 9A2AA
08:05Z JA7DOT
08:06Z DF4BY



07:00 UTC

23:00 AKDT

00:00 PDT

03:00 EDT

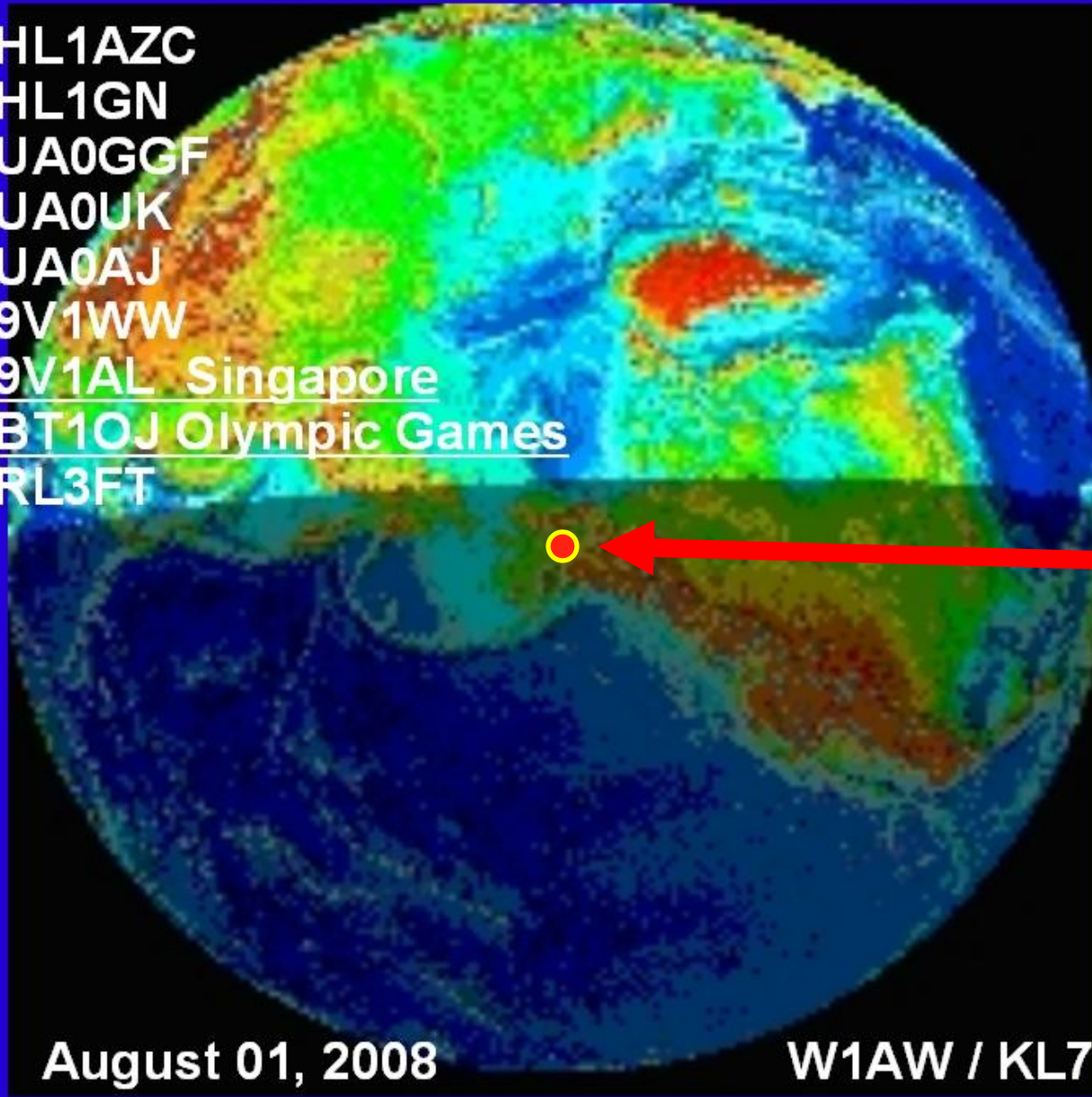
**21:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W**

BP - 56

August 01, 2008

W1AW / KL7

10:16Z HL1AZC
10:30Z HL1GN
10:41Z UA0GGF
10:44Z UA0UK
10:45Z UA0AJ
11:19Z 9V1WW
11:25Z 9V1AL Singapore
11:36Z BT1OJ Olympic Games
16:32Z RL3FT



10:00 UTC

02:00 AKDT

03:00 PDT

06:00 EDT

00:00 Local
Arctic Circle
Sun Time @
66° 33' N
150° 50' W

BP - 56

August 01, 2008

W1AW / KL7



DSTAR



DSTAR @ W1AW / KL7

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HUGHESNET @ W1AW / KL7

W1AW / KL7



Arctic Circle

Dalton Highway ALASKA Latitude 66°33'

Confirming your contact with W1AW /KL7

RADIO

Your Call Sign

TIME UTC _____ DATE _____

Your Signal _____ BIRD _____ Orbit _____ MODE _____

Grid BP56 Lat: 66°33'North Long: 150°47'28.17"West ZONE CQ-1 ITU-1

PSE QSL Via W1AW Operator _____ Call _____

73 and good DX

de KL7BB /KL7

