June 25, 2024

Comments on the Draft Final Report of the MEPA Workgroup

The following comments were received outside of the online comment portal and therefore not available to view using the mapping tool.

1. Frontier Institute – pp. 1-2
2. Northern Plains Resource Council – pp. 3-4
3. Western Environmental Law Center on behalf of the Montana Environmental Information Center – pp. 5-11
4. "Stop Scaring Our Kids" submitted by D. Weber – pp. 12-61

Frontier Institute
P.O. Box 5104
Helena, MT 59604
406.924.9763
frontierinstitute.org

April 17th, 2024
RE: DEQ MEPA WORKGROUP

Dear Members of MEPA Workgroup,

I wanted to thank you for taking time to review MEPA concerns over the past months. The following are recommendations based upon the Final Draft of MEPA Work Group Recommendations.

1. **Subtask Group: Climate Analysis Final Report**

The fact is that often the biggest barrier climate-friendly projects face is uncertain outcomes resulting from the environmental permitting process. Applying a Social Cost of Carbon analysis or Scope Analysis to MEPA would NOT reduce emissions, NOR would it make it easier for environmentally friendly projects to get built. It would merely add another layer of uncertainty that would increase project delays and fuel litigation.

Furthermore, these highly controversial and easily manipulatable analyses would require Montana to defer to the federal government. We should NOT be ceding Montana's authority to set our own climate policy to the federal government bureaucracy. We need to protect our own state's sovereignty, not offer it up on a golden platter to DC bureaucrats.

It is incumbent upon DEQ to not implement reforms that cause our permitting process to decline even further into unpredictability. If any adjustments to what is analyzed are made, they must be narrowly focused on known impacts and not broad conjecture that will only fuel litigation.

2. **Subtask Group: Process and Applicability Final Report**

The Legislature has unequivocally clarified that MEPA is a procedural law. We support changes that would further clarify MEPA's procedural nature.

We specifically agree with the Key Strategies outlined in Initial Challenge #3. As noted by the Process and Applicability Subtask Group, definitions in the model rules, the MEPA statute, and administrative rules often differ or are absent entirely. Comprehensive steps should be taken to codify these definitions, clarify the required level of analysis, and streamline procedures where appropriate.

Furthermore, the absence of clear definitions and procedures under MEPA has pushed

Frontier Institute
P.O. Box 5104
Helena, MT 59604
406.924.9763
frontierinstitute.org

the courts to rely on NEPA definitions and case law. We should not be ceding Montana's authority to govern to the Federal Government. While NEPA may provide greater clarity in some regards, Montana must not simply rely on Federal interpretations. Instead, when appropriate, Montana should take the clarifying aspects of NEPA and codify them into Montana law. This will enable Montana to act on the lessons learned at the federal level without carte blanche ceding our state's sovereignty.

Providing clear definitions should be a primary focus of any MEPA reforms.

3. **Overall Feedback:**

Regardless of the reforms pursued, it is crucial that the DEQ maintain the separation of powers. Reforms should be driven by the legislature, the branch of government elected to represent the people of Montana and set state policy.

Thank you,

Tanner Avery

June 24, 2024

Christopher Dorrington, Director
Department of Environmental Quality
1520 E 6th Avenue
Helena, MT 59601

Submitted via email to: Rebecca Harbage, Public Policy Director

Dear Director Dorrington,

On behalf of Northern Plains Resource Council (Northern Plains), I am submitting the following comment in response to the recommendations of the Montana Environmental Policy Act (MEPA) working group. We appreciate DEQ's efforts to engage the public in this important process.

MEPA is Montana's bedrock environmental law. Modeled after the National Environmental Policy Act (NEPA) in 1971, it instituted a "look before you leap" policy here in Montana. Both laws require an agency's attention to be focused on the purpose and need for an action, all viable alternatives, and the environmental consequences of the action. The product of a proper and thorough MEPA analysis should be state government decisions that are informed, accountable, transparent, balanced, and open to public participation. Additionally, and perhaps most importantly, MEPA ensures that the public benefits of a proposed project outweigh the social and environmental costs that the action would have on Montanans.

Northern Plains appreciates DEQ's good faith effort to engage the public along this process. However, the outsized industry presence and influence within the working group has led to recommendations that would weaken MEPA and fall short of protecting Montanans' constitutional right to a clean and healthful environment.

To start, it is vitally important that DEQ and the working group take into account and note the extensive public comments submitted throughout this process. Comments have focused on a clear message – do not weaken MEPA and make it easier to inflict harm upon our state. This working group was formed to gain insight from stakeholders and the public. To fulfill that mission, it is essential that the feelings expressed overwhelmingly in public comment are taken into consideration.

Regarding the climate analysis subgroup, Northern Plains appreciates the effort put forward by its members. However, the recommendation put forward falls short of what Montanans need and deserve. The Held v. Montana ruling made clear that DEQ, along with other state agencies, are required to immediately come into compliance with Montana law by including a thorough and robust climate analysis within both environmental assessments and environmental impact statements.

In order for the analysis to be robust and thorough, the full life-cycle of emissions must be included in a MEPA climate analysis and anything short of that further disregards Montanans' constitutional right to a clean and healthful environment. This climate analysis needs to include the construction, operation, and maintenance as well as the production, mining, refining and processing of products, storage and transportation of products and wastes, consumption

and combustion, and decommissioning and reclamation efforts. The analysis should also include the comparison of the results of analyses of fossil fuel projects, including all greenhouse gases, not just CO2 and CH4, with the alternatives.

Additionally, DEQ can and should make public lands and waters part of the climate solution by managing them for higher uses, like conservation, recreation, and for responsible renewable energy development. The MEPA process should continue to focus on regard for community input, effects on endangered species, or emissions consequences.

Regarding oil and gas drilling permits, the environmental review process should require environmental impact statements to discuss relevant risk reduction, resiliency, or adaptation measures, as well as the potential for disproportionate adverse effects on the environment and public health. Industry-operated continuous emissions monitors (CEMs) at well sites regularly miss pollution events.

Montanans all across the state rely on MEPA to provide protection to land and resources that we all love. The recommendation falls short by failing to account for the full suite of emissions for both primary and secondary sources.

Moving to the Process and Applicability subgroup, Northern Plains strongly disagrees with recommendation *3E - Consider statutory revisions to clarify legislative intent and the procedural nature of MEPA*. This recommendation would make MEPA nothing more than a toothless paper-exercise. It is vitally important that a MEPA analysis, or a challenge to an insufficient, erroneous, or incomplete MEPA analysis, has the power to pause a proposed project from continuing. Recommending that this remedy be taken away threatens Montanans health, resources, and environment with irreversible harm. Foundational principals set forth in both the United States Constitution and the Montana Constitution, as well as a substantial amount of case law, gives us clear direction in terms of the intent of MEPA. The ability to challenge MEPA violations and obtain an injunction prior to a project impacting the health, economy, and environment of frontline communities and the broader public is essential to accountability. Repeals of hard-fought, common-sense guidelines in MEPA would be a mistake.

Any changes to MEPA must strengthen and work to protect Montanans constitutional rights. The changes need to re-center decision-making back into the hands of everyday Montanans as a correction to the outsized influence powerful industrial interests have had over our state's policy-making. We cannot recreate the sad chapters of Montana's history where the influence of industrial barons saddled us with devastating impacts to our health and environment. The process and applicability recommendation threatens a return to those days and fails to protect this land we all call home. Please work to honor the interests of everyday Montanans, and not just a select few.

Thank you for the opportunity to comment on this important issue.

Sincerely,



Edward Barta

Northern Plains Resource Council, Chair

HEADQUARTERS
120 Shelton McMurphey Blvd.
Suite 340
Eugene, OR 97401
(541) 485-2471
info@westernlaw.org

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WESTERN ENVIRONMENTAL LAW CENTER

June 24, 2024

Montana Department of Environmental Quality
PO Box. 200901
Helena, MT 59620-0901

Sent via email to: deqmepa@mt.gov; crajones@mt.gov; rharbage@mt.gov

Re: Public Comment on MEPA Workgroup Draft Final Report.

We submit the following comments on behalf of the Montana Environmental Information Center ("MEIC") in response to the Montana Department of Environmental Quality's ("DEQ") solicitation of comments on the Draft Final Report ("Report") of the MEPA Workgroup. MEIC appreciates the significant commitments of time, energy and resources made by the MEPA Workgroup, as well as this opportunity to comment on the Report.

Nonetheless, MEIC maintains that questions of DEQ's statutory implementation duties under MEPA and determinations regarding the scope of MEPA reviews, particularly with respect to climate, are inappropriate topics for delegation to a citizen-stakeholder group. This perspective is explained further below

MEIC is a nonprofit organization founded in 1973 with approximately 10,000 members and supporters. MEIC is dedicated to the preservation and enhancement of the natural resources and environment of Montana, particularly the protection of water quality, air quality, and the climate. MEIC is committed to ensuring that state and federal officials comply with and uphold environmental protection laws and protect the environment and Montana citizens from pollution. MEIC and its members have intensive, long-standing recreational, aesthetic, scientific, professional, and spiritual interests in the responsible production and use of energy, and the land, air, and waters across the state. MEIC members live, work, and recreate on public lands that are adversely impacted by fossil-fuel-based energy development.

I. Comment on Climate Analysis Recommendations

As the First Judicial District Court determined in *Held v. State*,[1] MEPA and the Montana Constitution compel DEQ to conduct a climate analysis for all permitting activities that result in GHG emissions. Specifically, the court determined, "[b]ased on the plain language of the implicated constitutional provisions, the intent of the Framers, and Montana Supreme Court precedent, climate is included in the 'clean and healthful environment' and 'environmental life support system."[2] The court also recognized that "MEPA is an essential aspect of the State's efforts to meet its constitutional obligations, as are the equitable remedies without which MEPA is rendered meaningless."[3]

As a general matter, MEIC takes issues with the Report's characterization of existing climate analysis methods as unclear or subject to disagreement due to a lack of final federal or other guidance. As MEIC and other commenters previously explained,[4] federal caselaw under NEPA provides significant guidance in this respect and can help state agencies navigate an ever-evolving scientific and legal landscape. The Report's clear preference for the implementation of systems that do *not* rely on or reference federal caselaw represents a potential missed opportunity and is contrary to existing Montana Supreme Court precedent, which instructs state courts to look to federal NEPA caselaw as a guide where direct state precedent is lacking.[5] Moreover, the Report's attempt to distinguish MEPA from NEPA based on the fact that "the state has limited environmental review in certain circumstances," (Report at 26), is an inappropriate justification for ignoring federal caselaw. The report fails to acknowledge that many of these legislatively imposed limitations are currently subject to legal challenges, including in *Held v. Montana*, underscoring the need for such guidance in a setting where the state has effectively abdicated responsibility for more than a decade.

More specifically, the Report's failure to recommend utilization of an existing, widely accepted metric for the measurement and characterization of climate impacts—namely the social cost of greenhouse gases ("SC-GHG"), shows a troubling and unjustifiable inclination to allow disagreement among stakeholders to take precedence over established law and science. As a metric that estimates the economic damage caused by each additional ton of greenhouse gases emitted into the atmosphere, the SC-GHG provides a useful tool for government agencies to both account for the long-term climate costs and impacts of their decisions, *and* to explain those impacts to the public and public officials, thus fulfilling a core purpose of MEPA. Mont. Code Ann. §75-1-102(3)(a). The concerns with the SC-GHG expressed in the Report both overstate the uncertainties inherent in the metric (i.e. the reference to the range of values that may result from the use of differing assumptions

[1] No. CDV-2020-307, Findings of Fact, Conclusions of Law, and Order at 102)(Mont. First Jud. Dist. Ct. Aug. 14, 2023).
[2] *Id.* at 97-98.
[3] *Id.* at 91 (quoting *Park Cnty. Envtl. Council v. Mont. Dep't of Envtl. Quality*, 2020 MT 303, ¶ 89).
[4] December 1, 2023, "Public Comment on Implementation of the Montana Environmental Policy Act," submitted on behalf of MEIC and others by the Western Environmental Law Center.
[5] See, e.g. *Montana Wildlife Fed'n v. Mont. Bd. of Oil & Gas Conservation*, 2012 MT 128, ¶ 32, 365 Mont. 232, 280 P.3d 877

and discount rates), and simultaneously fails to acknowledge what the scientific and economic evidence says about those uncertainties (i.e. the Report highlights the broad range of potential SC-GHG values from $5/ton to $190/ton of emissions, but fails to note the dearth of *any* scientific or economic justification of a social cost priced at $5 per ton and similarly ignores the considerable support and evidence available for a SC-GHG of $190/ton[6]). The Report's failure to include use of the SC-GHG also appears to be predicated on a view, expressed by some members, that Montana "has time to put more thought into a reasonable path forward." Report at 12. The climate science, most notably summarized by the Intergovernmental Panel on Climate Change's ("IPCC") most recent report,[7] tells us otherwise. The deferral of this question until Montana develops some alternative approach of yet-to-be-determined scientific validity or utility is particularly concerning and legally problematic when a viable methodology such as the SC-GHG exists.[8]

In addition, the Report's failure to suggest an approach that accounts for full lifecycle emissions from GHG emitting actions raises both substantive and legal vulnerabilities for any resulting analysis. As previously explained by MEIC and others, the failure to account for such lifecycle or downstream emissions that are reasonably likely to occur as a result of a given agency action has been faulted by numerous federal courts, and nothing in state caselaw interpreting MEPA (including *Bitterrooters for Planning, Inc. v. DEQ*, 2017 MT 222, 388 Mont. 453, 401 P.3d 712) supports a contrary view that agencies may analyze only the direct emissions related to a proposed activity. Despite the evolving state of climate science and federal jurisprudence, there has been a general trend on the part of courts to require agencies to account for the full emissions-related effects of their decisions as part of routine NEPA analyses. This includes not only direct, but also indirect, or downstream emissions that will result from the decision.[9] Courts have upheld and echoed this reasoning in numerous contexts including pipeline permitting, coal transport,[10] mine plan modifications,[11] and oil and gas development,[12] to name only a few. Most recently, the Federal Energy Regulatory

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[6] U.S. EPA, Report on the Social Cost of Greenhouse Gases: Estimates Incorporating Recent Scientific Advances (November 2023), available at https://www.epa.gov/system/files/documents/2023-12/epa_scghg_2023_report_final.pdf.

[7] Intergovernmental Panel on Climate Change, AR 6 WGII Technical Summary and Summary for Policymakers (2022), available at https://www.ipcc.ch/report/ar6/wg2/downloads/report/IPCC_AR6_WGII_TechnicalSummary.pdf.

[8] Recent federal caselaw interpreting NEPA has held that where a methodology such as the SC-GHG is available to explain climate impacts, agencies must either use the methodology or explain in detail why they choose not to do so and how a chosen alternative approach satisfies NEPA and the APA. *See, e.g.*, *350 Montana v. Haaland*, 50 F.4th 1254 (9th Cir. 2022); *Dine Citizens Against Ruining Our Env't v. Haaland*, 59 F.4th 1016, 1044 (10th Cir. 2023).

[9] See, e.g. *Sierra Club v. FERC*, 867 F.3d 1357, 1374 (D.C. Cir. 2017) (downstream GHG emissions were an indirect effect of pipeline project and required the agency to provide a quantitative estimate of the downstream GHG emissions resulting from the burning of the natural gas to be transported by the pipeline or explain why it could not do so, and to discuss the significance of these emissions).

[10] *Montana Envtl. Info. Ctr. v. U.S. Office of Surface Mining*, No. CV 15-106-M-DWM, 2017 WL 5047901, *3 (D. Mont. Nov. 3, 2017).

[11] *Diné Citizens Against Ruining Our Env't v. U.S. Office of Surface Mining Reclamation & Enforcement*, 82 F.Supp.3d 1201, 1213 (D. Colo. 2015); *WildEarth Guardians v. United States Office of Surface Mining, Reclamation & Enforcement*, 104 F.Supp.3d 1208, 1229–30 (D. Colo. 2015).

[12] *San Juan Citizens All. v. United States Bureau of Land Mgmt.*, 326 F. Supp. 3d 1227, 1244 (D.N.M. 2018); *WildEarth Guardians v. Zinke*, 368 F. Supp. 3d 41, 73 (D.D.C. 2019).

Commission has incorporated these accepted legal premises into its updated guidance to agencies involved in the permitting of fossil gas infrastructure.[13]

It is clear that DEQ's broad authority under the Montana Clean Air Act gives the agency the ability to regulate air pollution and to establish emission limits "from any source necessary to prevent, abate, or control air pollution." MCA § 75-2-203(1), (4). This clear substantive statutory authority only adds to the burden on the agency to accurately and thoroughly assess the GHG and climate impacts of its permitting and other actions under MEPA. Recommendation 1A's omission of reference to lifecycle or downstream emissions is therefore particularly troubling and renders future MEPA analyses by DEQ and other agencies legally vulnerable.

Finally, MEIC cautions DEQ against forwarding an interim study bill to the Environmental Quality Council (Recommendation 1C) if the intention is to abdicate the agency's own *existing* authority to use its expertise to implement a legally sufficient climate analysis under MEPA. As explained here and in prior comments, DEQ possesses, and has testified to, its in-house expertise and ability to conduct such an analysis. Moreover, DEQ has authority, responsibility, and expertise under its own permitting statutes as well as MEPA, to implement the court's order in *Held v. Montana* without the need for additional policy guidance. Assuming DEQ proceeds with this recommendation, MEIC strongly urges the agency to be mindful of the existing law as well as the weight of scientific authority before implementing any policy recommendations issued by EQC.

II. Comment on Process and Applicability Recommendations

Montana's Constitution affords the strongest environmental protections of any state in the country. Indeed, delegate McNeil of Montana's Constitutional Convention stated succinctly that:

> Subsection (3) *mandates* the Legislature to provide adequate remedies to protect the environmental life-support system from degradation. The committee intentionally avoided definitions, to preclude being restrictive. And the term "environmental life support system" is all-encompassing, including but not limited to air, water, and land; and whatever interpretation is afforded this phrase by the Legislature and courts, there is no question that it *cannot be degraded.*

Montana Constitutional Convention, Vol. IV at 1201, March 1, 1972 (emphasis added).

Subsequent legislation and case law have affirmed and further defined Montana's right to a clean and healthful environment, including establishing this right as fundamental and requiring a strict-scrutiny analysis when it is implicated by state actions or laws. M*ontana Envtl. Info. Ctr. v. Dept. of Envtl. Quality*, 1999 MT 248, ¶ 65, 296 Mont. 207, 988 P.2d 1236 ("*MEIC*"). Further, in subsequent legislation, the

[13] *Consideration of Greenhouse Gas Emissions in Natural Gas Infrastructure Project Reviews*, 87 Fed. Reg. 14,104 (March 11, 2022), see, e.g. 14,106, 14,109-110.

Montana Legislature has clearly acknowledged that the Montana Environmental Policy Act (MEPA) is a foundational, "remedy" that helps to satisfy the Legislature's *mandate* to provide for a clean and healthful environment; a mandate that cannot be degraded. Mont. Code Ann. § 75-5-102(1). "The legislature, mindful of its constitutional obligations under Article II, section 3, and Article IX of the Montana constitution, has enacted the Montana Environmental Policy Act." *See* also *Park Cty. Envtl. Council v. Mont. Dep't of Envtl. Quality*, 2020 MT 303, ¶ 68, 402 Mont. 168, 477 P.3d 288 (*Park County)*.

In light of the clear intent of the framers and this subsequent legal history, recommendation 3E, that the legislature should "[c]onsider statutory revisions to clarify legislative intent and the procedural nature of MEPA," is perplexing and appears designed to invite future confusion and litigation. If anything, MEPA's explicit reference to the Constitutional imperative to protect the right to a clean and healthful environment removes any question about the substantive applicability of MEPA in the absence of other statutory requirements. Particularly in light of the already referenced broad authority to regulate pollutants under the Montana Clean Air Act, it is both inappropriate and unnecessary for the legislature to provide any interpretation of MEPA that is contrary to the statute's stated intent to further the legislature's "constitutional obligations under Article II, Section 3 and Article IX of the Montana Constitution." Mont. Code Ann § 75-1-102(1).

Moreover, the recommendation conflates the respective responsibilities of the legislature and courts by recommending that the legislature be assigned a task that has been exclusively delegated to the courts as a foundational principle of both federal and state law, namely the responsibility to "say what the law is." *Marbury v. Madison*, 5 U.S. 137 (1803). While the Montana Legislature is tasked with the duty to provide for *adequate* remedies for the environmental life support system, decisions over constitutional interpretation and the adequacy of laws in the face of the constitution are ultimately left to the judiciary as part of the fundamental separation of powers that exists under both the U.S. and Montana Constitutions. *See*, Art. III, § 1, 1972. Notably, "The [Montana] Constitution vests in the courts the exclusive power to construe and interpret legislative Acts, as well as provisions of the Constitution. Inherent in this power is the responsibility to determine whether a particular law conforms to the Constitution." *State v. Guillaume*, 1999 MT 29, ¶ 14, 293 Mont. 224, 975 P.2d 312 (citing *In re License Revocation of Gildersleeve* (1997), 283 Mont. 479, 484, 942 P.2d 705, 708 (citations omitted)).

The recommendations for "reform" of MEPA, predicated on this flawed reasoning are particularly troubling. Namely, the suggestion that: "The Legislature should re-organize and restate statutory language to clarify the legislative intent that MEPA is procedural and distinctly different from the substantive statutes that regulate and control environmental impacts," (Report at 29), is not only contrary to the clear recognition in Section 75-1-102(1) that MEPA is intended to *carry out* the legislative responsibility to implement the Constitution, but also represents an assumption of the duty of legal interpretation that is exclusively reserved to the judiciary.

It is also wholly unnecessary. The judiciary, fulfilling its assigned role, has clearly explained that the right to a clean and healthful environment is intended to institute "protections which are both anticipatory and preventative." *MEIC at* ¶ 77. The Montana Supreme Court went on to note that:

> The delegates did not intend to merely prohibit that degree of environmental degradation which can be conclusively linked to ill health or physical endangerment. Our constitution does not require that dead fish float on the surface of our state's rivers and streams before its farsighted environmental protections can be invoked.
>
> *Id.*

The judiciary—again, fulfilling its assigned role to "say what the law is"—has further explained that:

> "Procedural," of course, does not mean "unimportant." The Montana Constitution guarantees that certain environmental harms shall be prevented, and prevention depends on forethought. MEPA's procedural mechanisms help bring the Montana Constitution's lofty goals into reality by enabling fully informed and considered decision making, thereby minimizing the risk of irreversible mistakes depriving Montanans of a clean and healthful environment.
>
> *Park County* at ¶70.

As a result, the proposed recommendation not only misstates MEPA's legal purpose and scope; it invites the legislature to create confusion on these issues, and it virtually ensures that further litigation to address this confusion will ensue.

Finally, the commentary under Recommendation 3E stating that "[l]egislation could consolidate the language in statute that limits the ability of procedural (MEPA) challenges to hold up permits that could otherwise be issued based on the technical analysis conducted under the appropriate substantive statutes for those individual permits," (Report at 29), amounts to a virtual imprimatur by the Workgroup of those existing limitations, many of which are subject to pending judicial challenges. It also creates the risk that remedies for the enforcement of MEPA violations will be further narrowed, rendering MEPA virtually irrelevant for purposes of the protection of Montanan's fundamental constitutional right to a clean and healthful environment.

III. Conclusion

In sum, MEIC reiterates its appreciation for the substantial time, effort, and resources the MEPA Workgroup has expended on this Report but maintains its significant concerns that this process will result in statutory interpretation by fiat that will merely spawn additional confusion, litigation, and delay with respect to implementation of MEPA and will further exacerbate the environmental and

constitutional injuries the district court identified in *Held*. Until such time as the Montana Supreme Court issues a decision on that and other pending appeals, DEQ and other agencies have the clear directive they need. Once an order issues, agencies will have greater clarity about the path forward. MEIC strongly urges DEQ not to adopt recommendations that will further undercut state efforts to address the climate crisis and comply with the law while those decisions are pending. As we noted previously, "any 'modernization' of MEPA undertaken pursuant to DEQ's … stakeholder process must take [the statute's] fundamental purpose into account, and must, at all costs, avoid weakening the statute's core role in upholding the Montana Constitution."

Sincerely,



Melissa Hornbein, hornbein@westernlaw.org
Barbara Chillcott, chillcott@westernlaw.org
Western Environmental Law Center
103 Reeders' Alley
Helena, MT 59601

On behalf of,

Anne Hedges
Derf Johnson
Montana Environmental Information Center
P.O. Box 1184
Helena, MT 59624

Stop Scaring Our Kids

124 Years of Actual NOAA Temperatures and Precipitation in Montana (1900-2023)

There is Not a Climate Crisis

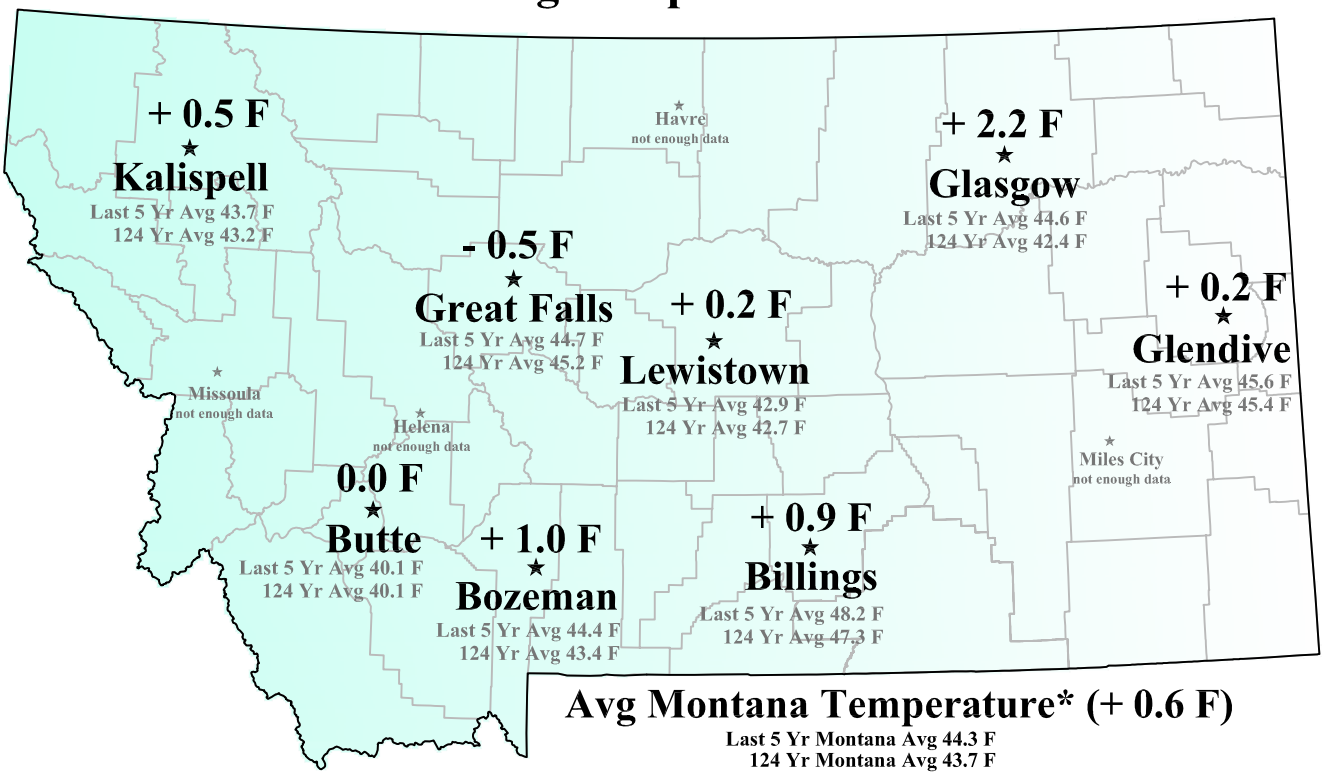
8 Cities across Montana:
Kalispell, Butte, Great Falls, Bozeman
Lewistown, Billings, Glasgow and Glendive

Prepared by
D. Weber

March 2024

Figure 1 (1900-2023)

124 Years of Avg Temperatures in Montana



*Average of the 8 Montana cities, comparing last 5 year average to the 124 year average at each city

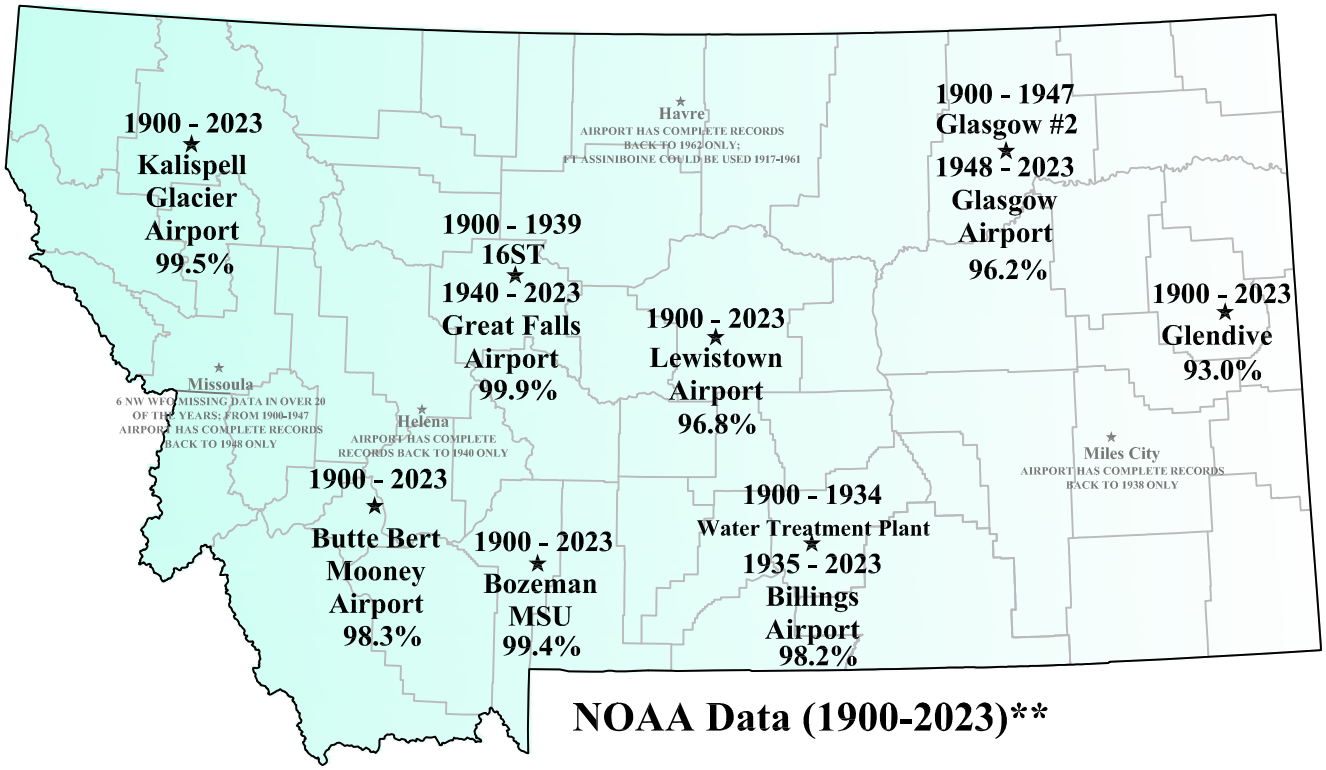
**Source of data https://www.weather.gov/wrh/Climate?wfo=byz

Only actual station data was used (no thread ex data or modeled data or altered data was used)

Stations were chosen for completeness of data (1900-2023), for minimal site changes, for geographic coverage of Montana

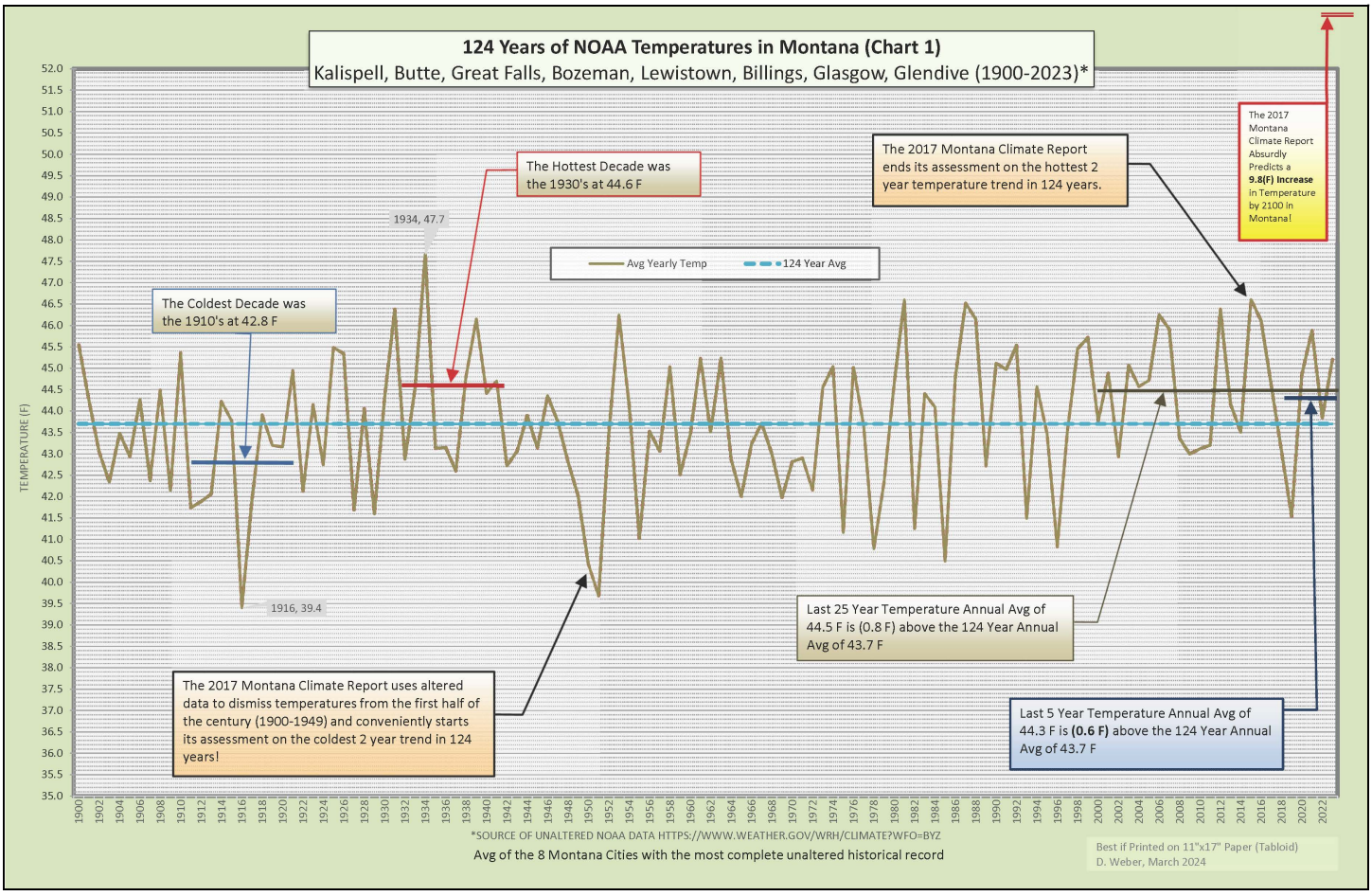
Figure 1-1

Temperature Data Locations and Completeness



Climate Change Defined by the 2017 Montana Climate Assessment

"Changes in average weather conditions that persist over multiple decades or longer. Climate change encompasses both increases and decreases in temperature, as well as shifts in precipitation, changing risk of certain types of severe weather events, and changes to other features of the climate system."



Several Ridiculous Claims in the 2017 Climate Assessment http://montanaclimate.org/

1. ***by 2050, Montana Temperatures are projected to increase 4.5° to 6.0°F***
2. ***climate models project as much as a 9.8°F increase by 2100***



Entranced by his flute, the transfixed children of Hamelin followed the Pied Piper out of town.

(Credit: Kate Greenaway Duncan 1890/ Getty Images)

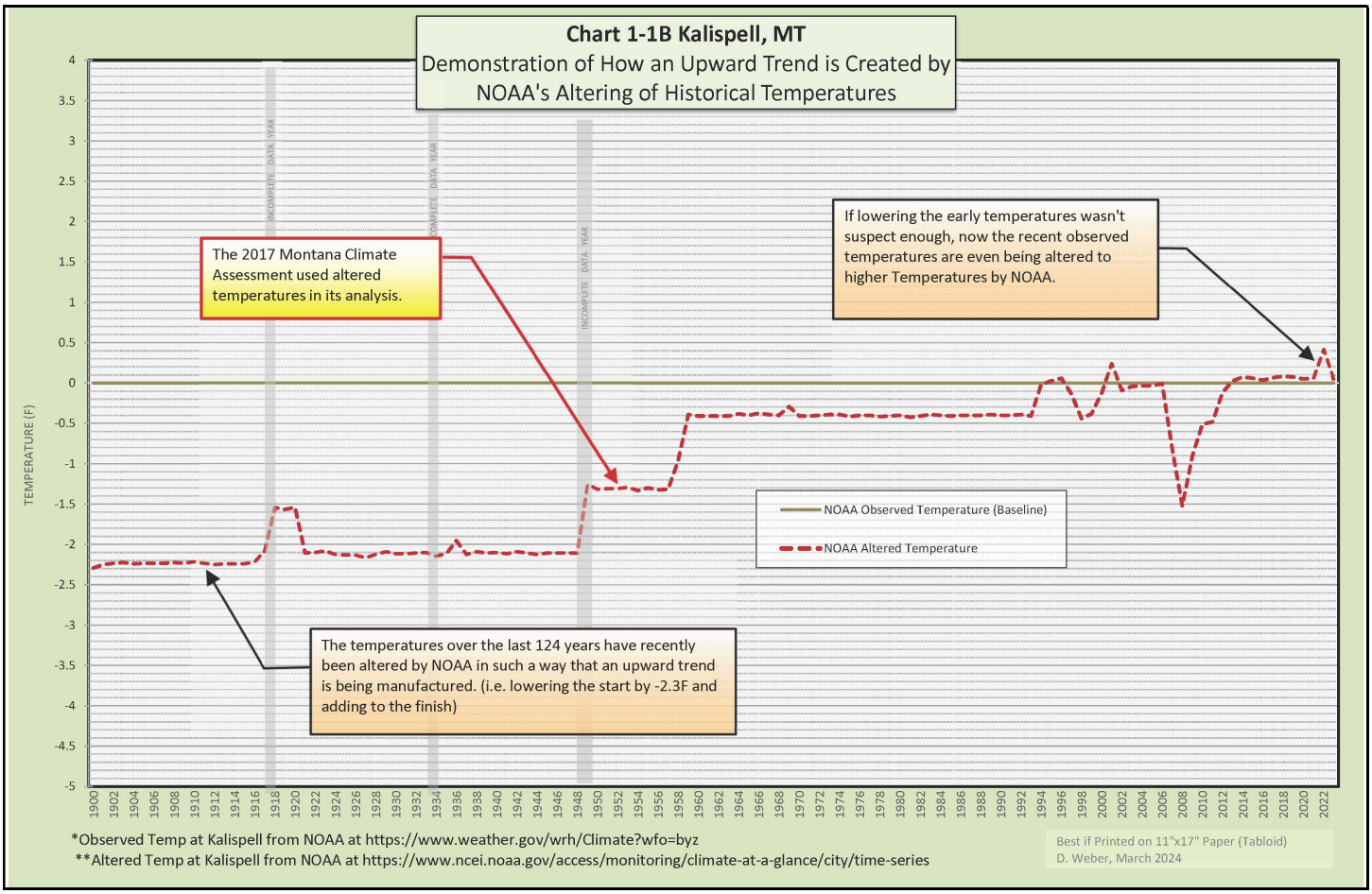
Example of How NOAA is Altering Historical Temperatures Right Here in Montana:

3. ***The data were corrected to remove observational bias (e.g., station relocation, instrumentation changes, and observer practice changes) (Vose et al. 2014)*****…..***page 22 of 2017 MT Climate Assessment*

   - See Table 1-1B and Chart 1-1B to see just how data are "corrected" by NOAA in there climate datatasets! (e.g. annual temperatures were altered -2.3°F in the early 1900's and +0.4°F in 2022)

   - Also see the (Vose et al. 2014); specifically how NOAA has used adjusted temperature data for many years. (page 1242 of Vose).

   - In other words, the 2017 Climate Assessment used temperatures that were altered with bias. In just the one example investigated (Kalispell), annual temperatures in some years have been changed by 2.3°F in the NOAA dataset. (see Chart 1-1B below and Table 1-1B)

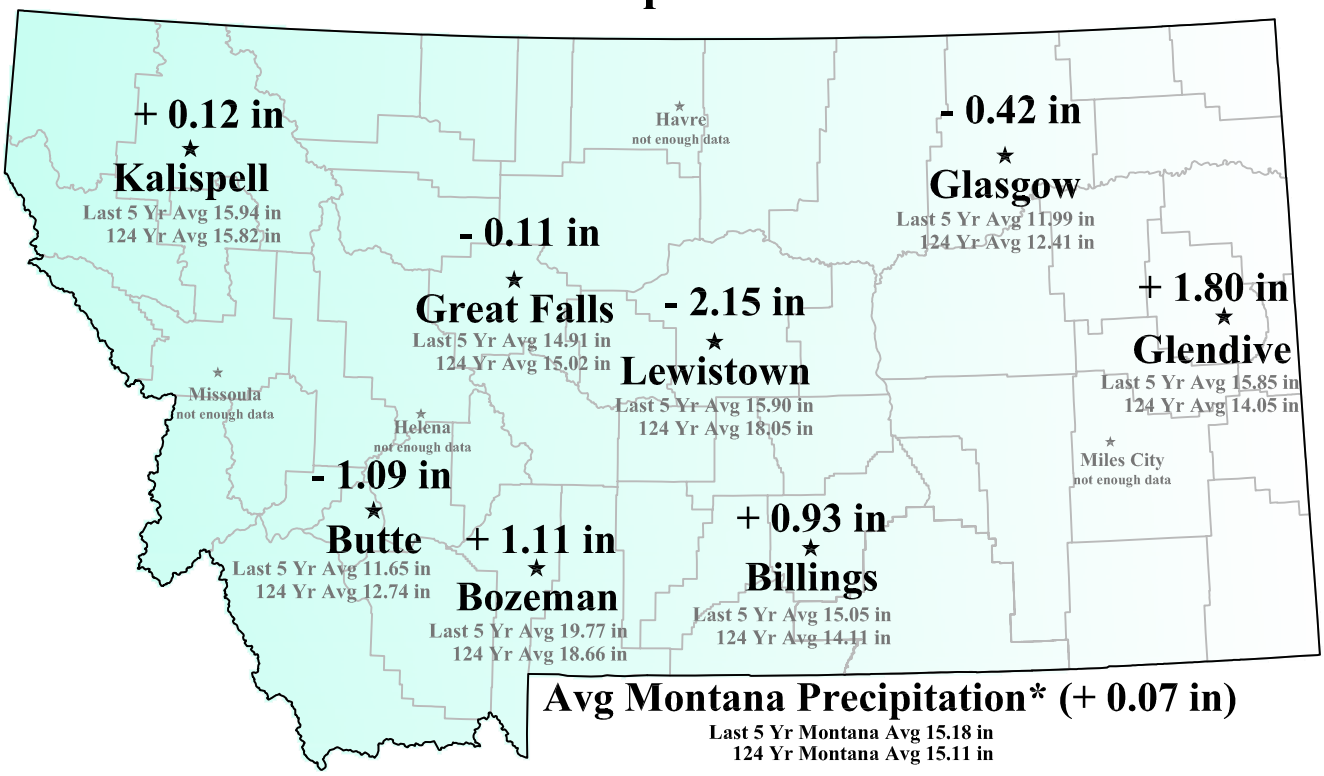


NOAA Asks for $6.8 billion for FY2024 To Help Combat Rising Climate Crisis
https://spaceref.com/space-commerce/noaa-asks-billion-fy2024-combat-rising-climate-crisis/

"Every record has been destroyed or falsified, every book rewritten, every picture has been repainted, every statue and street building has been renamed, every date has been altered. And the process is continuing day by day and minute by minute. History has stopped."— George Orwell, 1984

Figure 2 (1900-2023)

124 Years of Precipitation in Montana



*Average of the 8 Montana cities

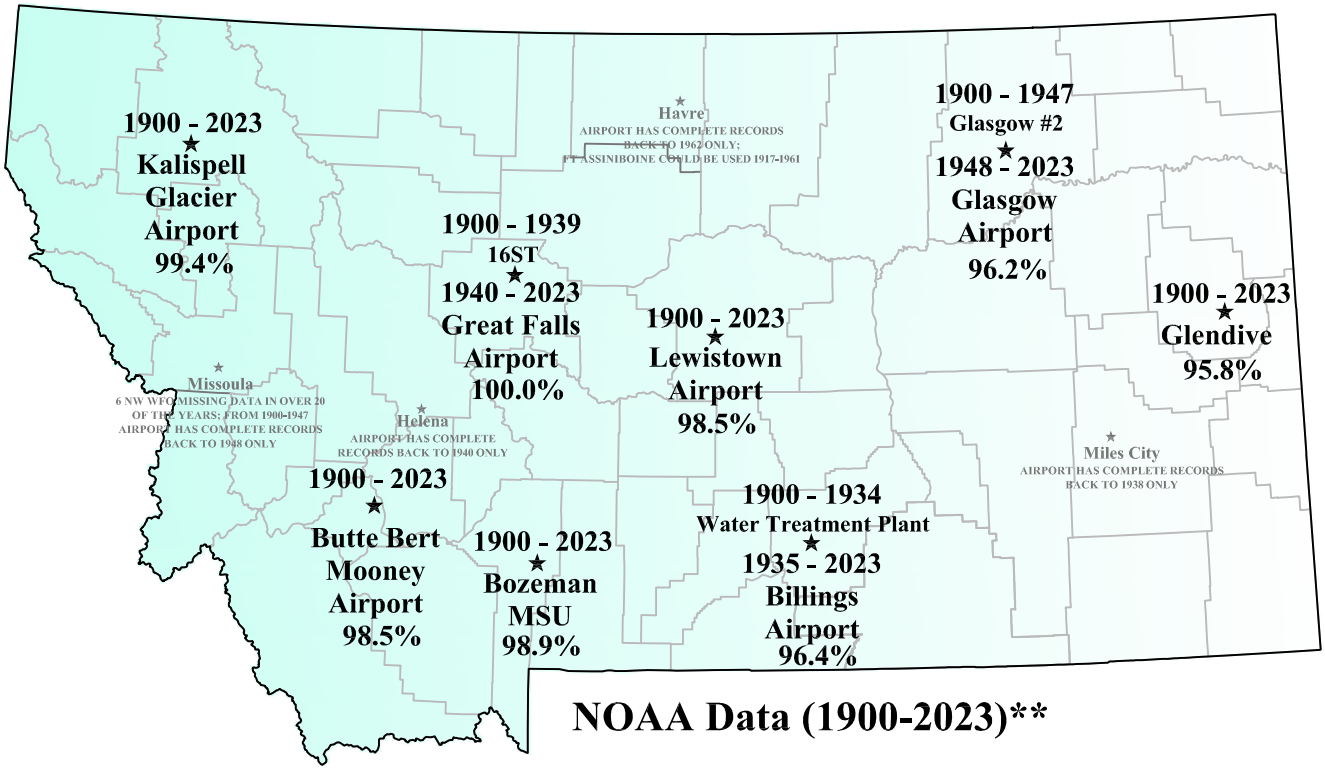
**Source of data https://www.weather.gov/wrh/Climate?wfo=byz

Only actual station data was used (no thread ex data or modeled data or altered data was used)

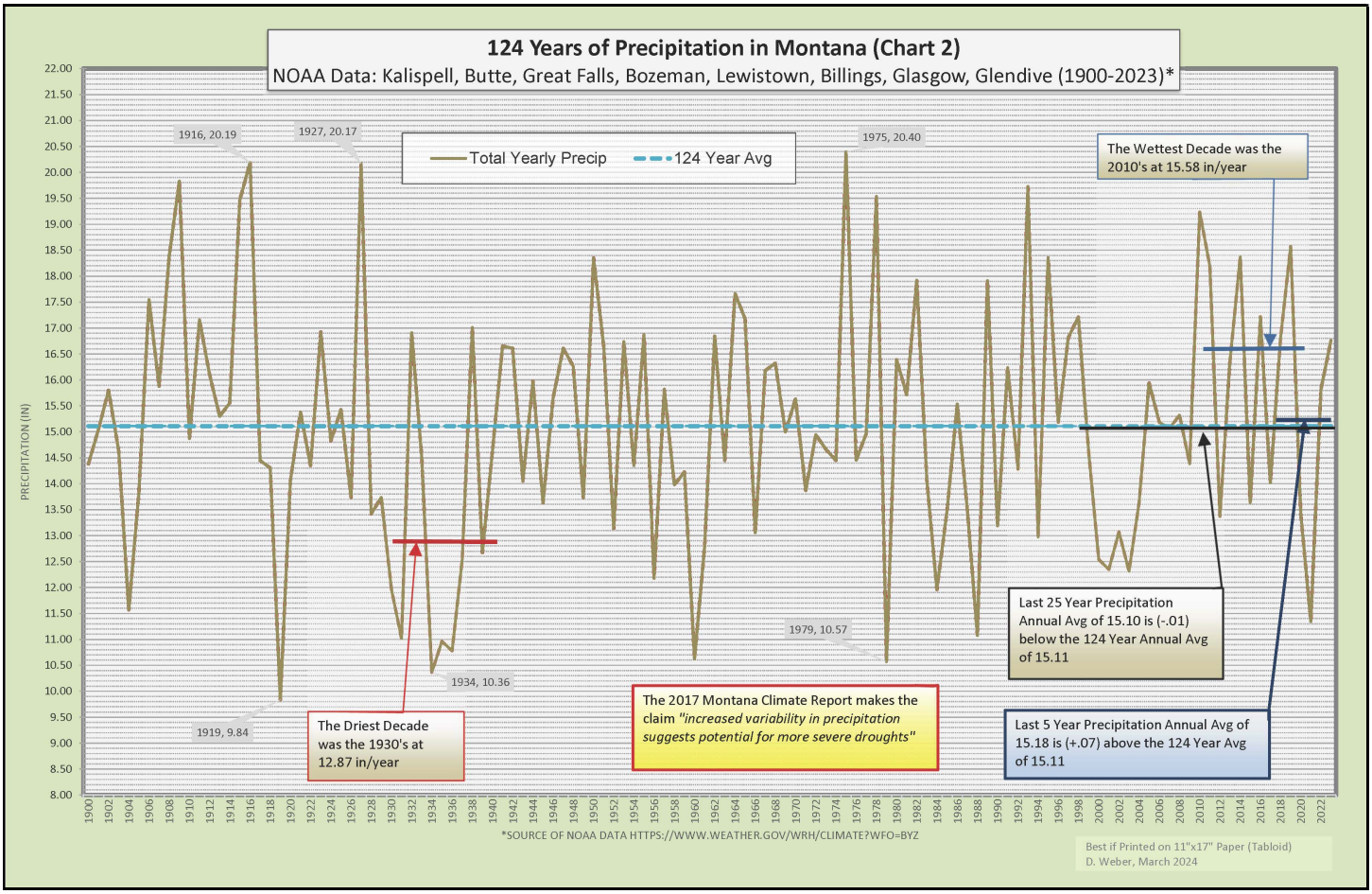
Stations were chosen for completeness of data (1900-2023), for minimal site changes, for geographic coverage of Montana

Figure 2-1

Precipitation Data Locations and Completeness



Precipitation:



<u>Another Unsupported Claim in the 2017 Climate Report</u> http://montanaclimate.org/

4. ***"increased variability in precipitation suggests potential for more severe droughts"***
    - The chart above shows that there is no observable increased variability in precipitation. The precipitation appears to be exhibiting <u>decreased</u> variability.
    - Also see Figure 2, Tables 2 through 2-8, and Charts 2 through 2-8.

"No one understood better than Stalin that the true object of propaganda is neither to convince nor even to persuade, but to produce a uniform pattern of public utterance in which the first trace of unorthodox thought immediately reveals itself as a jarring dissonance."-----Alan Bullock

***

While all data presented in this report are accurate to the best of my knowledge, I have not exhaustively investigated the data and the sources, so errors may be identified and corrected in future versions. Additionally, this report is not a scientific paper, but a cautionary statement to policymakers, judges and other well intentioned Montanans who think it urgent to hand over the reins to Climate Crisis supporters, carte blanche.

Dusty Weber,
Park City, Montana

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Appendix 2-1.-DATA AND METHODS. Available at: https://montanaclimate.org/chapter/appendices

CHARTS and TABLES:
NOAA 1900-2023

THE 2 MONTANA CHARTS AND 2 TABLES FOLLOW THIS PAGE (11 x 17)

CHART 1----------Montana Temperatures
TABLE 1----------Montana Temperatures

CHART 2----------Montana Precipitation
TABLE 2----------Montana Precipitation

ATTACHMENT 1 – CHARTS
Individual City Temperatures & Precipitation (11 x 17)

CHART 1-1----------Kalispell Temperatures
CHART 1-1A----------Kalispell Altered Temperatures
CHART 1-1B----------Kalispell Unaltered vs Altered
CHART 1-2----------Butte Temperatures
CHART 1-3----------Great Falls Temperatures
CHART 1-4----------Bozeman Temperatures
CHART 1-5----------Lewistown Temperatures
CHART 1-6----------Billings Temperatures
CHART 1-7----------Glasgow Temperatures
CHART 1-8----------Glendive Temperatures

CHART 2-1----------Kalispell Precipitation

CHART 2-2----------Butte Precipitation
CHART 2-3----------Great Falls Precipitation
CHART 2-4----------Bozeman Precipitation
CHART 2-5----------Lewistown Precipitation
CHART 2-6----------Billings Precipitation
CHART 2-7----------Glasgow Precipitation
CHART 2-8----------Glendive Precipitation

ATTACHMENT 2 – TABLES
Individual City Temperatures & Precipitation (11 x 17)

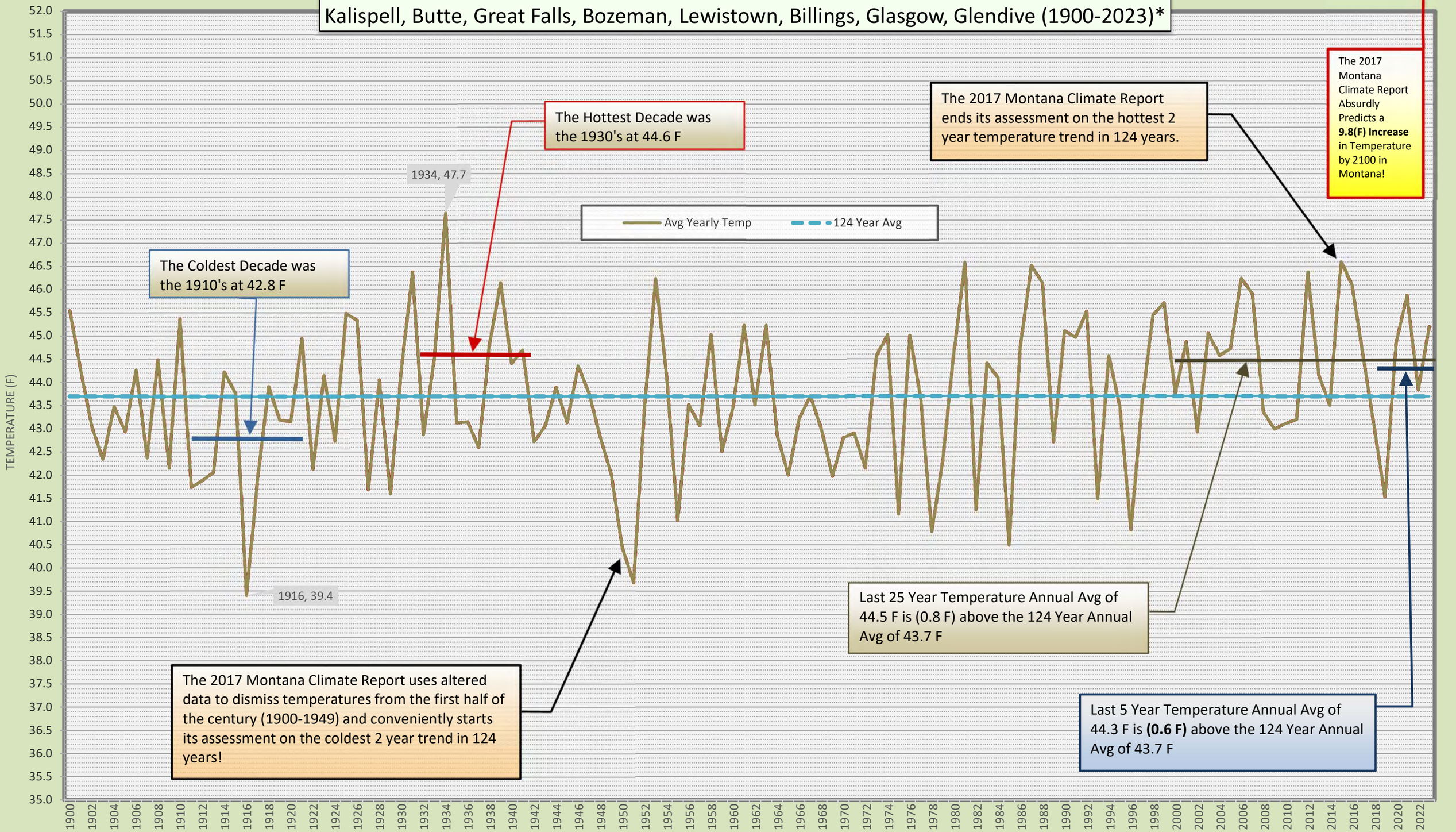
TABLE 1-1----------Kalispell Temperatures
TABLE 1-1A----------Kalispell Altered Temperatures
TABLE 1-1B----------Kalispell Unaltered vs Altered
TABLE 1-2----------Butte Temperatures
TABLE 1-3----------Great Falls Temperatures
TABLE 1-4----------Bozeman Temperatures
TABLE 1-5----------Lewistown Temperatures
TABLE 1-6----------Billings Temperatures
TABLE 1-7----------Glasgow Temperatures
TABLE 1-8----------Glendive Temperatures

TABLE 2-1----------Kalispell Precipitation

TABLE 2-2----------Butte Precipitation
TABLE 2-3----------Great Falls Precipitation
TABLE 2-4----------Bozeman Precipitation
TABLE 2-5----------Lewistown Precipitation
TABLE 2-6----------Billings Precipitation
TABLE 2-7----------Glasgow Precipitation
TABLE 2-8----------Glendive Precipitation

124 Years of NOAA Temperatures in Montana (Chart 1)

Kalispell, Butte, Great Falls, Bozeman, Lewistown, Billings, Glasgow, Glendive (1900-2023)*



*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

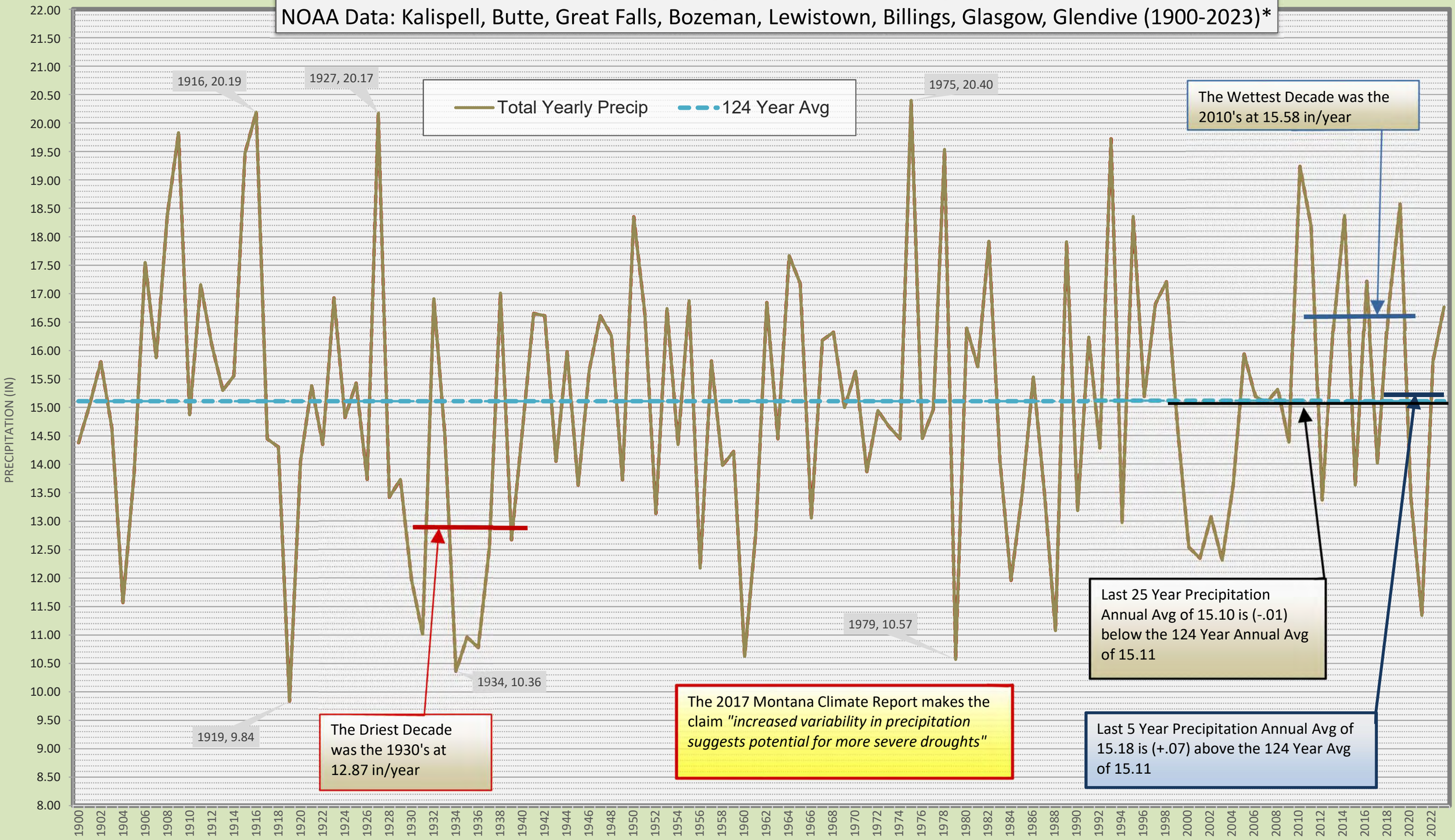
Avg of the 8 Montana Cities with the most complete unaltered historical record

Best if Printed on 11"x17" Paper (Tabloid)

D. Weber, March 2024

124 Years of Precipitation in Montana (Chart 2)

NOAA Data: Kalispell, Butte, Great Falls, Bozeman, Lewistown, Billings, Glasgow, Glendive (1900-2023)*



*SOURCE OF NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

Best if Printed on 11"x17" Paper (Tabloid)
D. Weber, March 2024

124 Years of NOAA Temperatures in Montana (Table 1)

Unaltered Avg Monthly Mean Temperatures (F) for 8 Cities (with the most complete NOAA data) Across Montana (1900-2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	29.0	19.9	35.6	48.1	56.7	67.5	68.0	64.5	53.7	45.6	28.2	29.9	45.5
1901	21.3	20.0	34.2	43.0	57.0	**54.0**	69.7	67.1	50.0	49.7	38.1	27.0	44.3
1902	23.3	28.9	31.9	42.3	53.9	56.9	64.4	64.7	53.1	46.8	30.8	19.6	43.1
1903	26.8	17.2	27.8	41.6	48.6	62.1	63.3	64.1	52.5	47.9	29.1	27.1	42.3
1904	23.3	15.3	25.6	43.8	51.5	58.6	66.5	65.6	56.5	46.7	40.5	27.9	43.5
1905	18.7	16.3	38.5	42.6	48.9	56.4	67.0	67.7	58.8	40.2	34.6	25.4	42.9
1906	25.6	27.7	25.3	47.9	50.9	58.2	69.4	64.3	58.2	47.1	30.6	26.1	44.3
1907	9.5	25.9	32.8	39.4	48.8	57.4	64.2	62.8	54.7	49.8	35.9	27.2	42.4
1908	26.4	25.8	31.4	46.3	50.7	57.4	68.9	62.8	58.6	42.9	36.6	26.2	44.5
1909	16.4	25.0	33.8	36.7	49.4	60.4	65.9	66.9	56.4	45.3	34.6	15.2	42.2
1910	21.6	16.2	**44.1**	51.1	53.5	62.6	69.4	**61.5**	53.6	49.3	33.9	27.7	45.4
1911	20.4	17.7	39.0	40.9	51.2	63.6	64.4	61.5	53.5	42.1	24.7	22.1	41.7
1912	17.1	25.2	19.9	44.4	51.5	62.4	63.0	62.2	49.4	42.3	37.5	27.8	41.9
1913	14.6	15.9	24.4	45.0	51.1	63.0	64.7	66.9	56.3	40.0	36.8	25.9	42.1
1914	28.1	21.3	34.8	43.9	53.4	58.7	70.2	64.7	55.7	45.9	38.2	16.0	44.2
1915	19.4	27.0	32.6	**51.6**	51.4	55.5	61.4	68.6	52.1	48.4	32.6	24.7	43.8
1916	-0.6	21.2	34.6	43.7	47.7	57.0	67.6	64.2	54.4	40.6	30.1	12.4	**39.4**
1917	16.5	15.5	23.2	39.4	50.8	58.5	71.5	65.6	58.1	43.5	40.8	20.0	42.0
1918	15.6	19.7	37.6	41.5	50.8	66.4	66.9	64.3	56.4	48.9	30.6	28.2	43.9
1919	30.5	20.0	27.4	46.1	55.0	66.9	71.3	68.6	57.2	**34.8**	24.3	16.3	43.2
1920	20.9	25.5	28.9	36.5	50.1	59.2	70.3	67.7	57.4	44.8	31.4	25.3	43.2
1921	26.8	30.6	32.8	42.0	52.7	65.4	69.0	67.6	52.0	49.3	30.1	21.2	44.9
1922	15.9	10.0	29.0	41.2	52.6	64.8	66.0	69.7	60.8	49.0	31.0	15.8	42.1
1923	25.2	16.2	31.2	42.3	52.4	61.3	71.3	65.3	58.4	43.4	37.6	25.2	44.1
1924	16.4	31.4	29.7	42.8	53.0	57.9	67.4	64.3	55.9	47.6	32.8	13.5	42.7
1925	23.5	30.9	34.2	47.5	55.8	61.3	70.1	66.1	55.9	36.3	33.7	30.6	45.5
1926	25.7	32.6	35.3	46.4	55.3	61.7	70.6	65.8	49.5	47.7	32.5	21.0	45.3
1927	19.4	23.1	33.8	41.8	**47.6**	60.9	67.3	63.6	55.7	48.2	29.4	9.7	41.7
1928	21.8	23.7	36.0	40.9	58.6	57.1	68.1	63.5	56.2	44.1	34.5	24.2	44.1
1929	7.6	12.6	34.8	40.9	50.9	60.4	69.7	70.1	51.9	47.1	30.5	22.8	41.6
1930	3.8	32.3	31.4	50.9	52.7	61.5	70.9	70.2	57.7	40.5	32.5	27.2	44.3
1931	28.6	32.3	33.4	45.8	55.7	66.3	69.9	68.0	57.7	46.3	28.7	24.0	46.4
1932	17.0	24.2	24.9	45.2	54.5	62.4	68.9	67.0	56.4	42.0	34.9	17.0	42.9
1933	22.1	15.7	35.5	41.6	50.9	66.7	71.4	66.3	56.3	46.7	37.0	24.5	44.6
1934	29.6	31.5	36.6	49.2	**60.9**	61.7	70.2	67.8	52.5	49.6	38.3	24.0	**47.7**
1935	17.9	28.6	29.4	38.5	49.8	60.0	70.3	65.8	58.7	44.6	27.7	26.4	43.1
1936	16.4	**-1.8**	31.5	42.8	60.4	65.3	**75.6**	68.9	57.8	46.7	30.9	23.2	43.2
1937	**-0.7**	17.4	30.6	43.2	56.3	61.4	71.0	67.6	59.4	48.7	33.1	23.3	42.6
1938	24.5	19.3	33.6	44.0	51.1	62.6	68.4	66.4	**63.5**	48.0	29.4	26.7	44.8
1939	27.8	14.8	33.4	47.4	57.8	57.5	71.0	67.4	58.7	46.3	39.2	**32.5**	46.2
1940	11.9	23.0	34.9	41.1	56.3	63.3	70.2	68.7	61.6	49.9	24.4	27.8	44.4
1941	23.5	25.7	34.4	43.7	55.4	61.4	69.8	67.0	51.4	43.8	35.4	25.2	44.7
1942	19.3	17.9	31.1	45.9	49.4	56.6	67.8	65.9	56.2	47.0	30.7	25.0	42.7
1943	9.7	24.9	23.5	48.8	49.3	56.8	67.7	66.6	57.5	49.3	35.6	27.0	43.1
1944	26.3	22.7	25.5	45.2	55.7	57.9	66.3	64.2	57.4	51.6	31.2	22.9	43.9
1945	24.5	24.6	34.1	38.8	50.1	56.1	69.2	67.8	53.6	48.6	30.1	20.2	43.1
1946	24.5	26.1	39.1	48.9	50.2	60.3	69.9	65.6	55.4	40.0	28.0	24.5	44.4
1947	21.8	21.5	28.8	43.7	53.7	57.2	71.3	67.1	55.9	50.0	28.1	25.9	43.8
1948	23.8	18.8	26.2	43.7	54.1	61.3	65.7	66.8	58.9	46.9	32.2	15.6	42.8
1949	4.6	12.7	28.2	48.8	56.2	60.0	67.2	69.2	55.6	40.6	**42.5**	18.6	42.0
1950	0.5	26.1	26.4	39.5	48.7	57.9	64.9	63.6	55.0	47.3	28.8	26.4	40.4
1951	14.8	22.0	20.5	40.3	53.3	54.8	67.8	63.4	52.3	41.9	30.7	14.4	39.7
1952	14.9	22.9	24.8	48.3	54.1	61.5	65.9	66.3	59.9	47.6	29.9	25.9	43.5
1953	30.2	28.2	34.4	38.4	48.8	59.5	69.1	67.8	59.2	50.7	39.6	29.2	46.2
1954	13.8	35.0	25.7	40.2	52.2	57.0	70.2	65.0	55.9	44.5	41.2	28.9	44.1
1955	20.5	18.0	22.9	41.4	50.7	59.6	67.7	69.3	55.2	48.2	20.2	18.6	41.0
1956	17.3	18.9	30.9	40.6	54.1	63.8	67.7	64.3	57.4	46.6	33.4	27.3	43.5
1957	7.0	21.6	32.1	41.1	54.8	60.3	69.9	66.4	56.8	42.5	32.1	32.2	43.1
1958	28.9	24.7	29.3	42.7	60.4	59.1	64.1	69.6	56.9	48.0	31.4	25.2	45.0
1959	19.4	15.6	34.6	42.2	48.2	62.6	68.5	65.6	54.7	43.2	26.3	29.2	42.5
1960	17.4	19.7	28.9	42.2	52.0	60.9	72.8	65.2	58.3	47.1	32.6	24.4	43.4
1961	26.5	33.2	37.2	39.9	53.7	68.0	70.5	71.9	49.8	44.1	29.0	19.1	45.2
1962	15.5	20.7	26.0	46.9	51.6	61.3	64.9	65.4	55.6	48.6	36.9	28.9	43.5
1963	9.7	32.0	37.7	42.3	52.4	60.7	68.4	68.3	63.0	**52.2**	35.5	20.7	45.2
1964	24.2	27.0	26.9	42.1	53.6	60.3	70.9	64.0	53.5	48.4	29.4	14.1	42.9
1965	21.2	21.9	**19.0**	42.9	49.9	59.3	67.8	65.8	**45.4**	50.6	34.1	26.1	42.0
1966	14.6	20.1	33.5	39.7	54.7	59.0	70.3	64.8	61.7	45.8	29.8	24.7	43.2
1967	24.3	27.5	27.6	37.4	49.9	58.8	69.2	69.2	61.1	47.0	33.1	19.5	43.7
1968	18.3	27.8	39.0	40.6	49.8	58.7	67.6	63.4	55.8	46.0	33.1	16.0	43.0
1969	4.9	17.6	25.1	47.8	54.4	57.7	66.0	69.6	59.6	38.4	36.0	26.5	42.0
1970	16.3	28.6	27.6	37.8	52.8	64.5	70.0	69.9	53.1	42.2	30.7	20.4	42.8
1971	16.7	24.9	30.1	43.1	53.6	60.6	66.3	**73.4**	53.4	42.8	33.6	16.5	42.9
1972	12.7	21.9	36.7	42.1	52.8	63.4	64.0	68.6	53.0	42.2	33.0	15.4	42.2
1973	20.5	25.5	37.1	40.5	53.4	62.0	68.8	69.5	55.8	47.7	27.5	26.4	44.6
1974	18.3	30.7	32.4	46.1	48.8	64.9	71.0	63.0	54.9	48.2	35.2	27.1	45.0
1975	20.3	15.6	26.0	**33.6**	49.3	58.0	70.6	63.5	55.7	44.9	30.7	25.7	41.2
1976	22.6	29.8	29.7	45.0	55.7	59.5	69.0	66.9	59.2	44.1	32.1	26.6	45.0
1977	14.5	32.0	32.8	47.6	53.8	64.7	67.3	62.8	55.3	46.2	29.0	17.8	43.7
1978	11.6	17.6	32.4	44.2	51.4	61.2	66.1	64.6	57.7	46.4	23.2	13.2	40.8
1979	2.4	16.4	31.1	40.0	50.5	61.4	68.3	67.6	61.7	48.4	29.0	31.3	42.3
1980	13.3	25.2	30.8	49.8	56.8	60.4	69.3	62.8	57.6	46.8	36.2	26.8	44.6
1981	**30.8**	28.9	38.5	46.6	53.2	58.7	68.2	70.2	59.5	43.9	37.1	23.6	46.6
1982	9.8	19.4	29.8	38.7	49.5	60.0	66.8	68.2	55.4	45.3	28.9	23.2	41.3
1983	29.1	32.9	36.3	41.6	50.7	60.2	67.6	72.7	54.5	48.0	34.4	**5.0**	44.4
1984	25.5	33.2	34.7	43.5	52.4	60.2	70.1	70.8	51.8	40.7	32.9	13.5	44.1
1985	15.6	18.2	30.8	47.1	56.0	60.1	70.9	61.7	48.8	43.3	**13.6**	19.7	40.5
1986	29.6	20.1	42.0	42.4	52.8	65.3	64.4	67.4	51.0	46.7	28.6	27.0	44.8
1987	25.2	31.7	35.0	50.4	56.1	64.5	66.5	62.2	58.5	45.9	36.9	25.3	46.5
1988	18.1	27.0	35.8	46.2	56.5	**70.2**	70.2	67.5	55.8	49.1	33.1	24.4	46.1
1989	22.8	9.5	28.3	43.4	51.8	61.0	71.3	65.7	56.3	45.0	35.6	22.0	42.7
1990	27.4	26.0	35.2	44.6	51.1	61.3	68.4	68.7	62.5	45.0	36.2	15.1	45.1
1991	16.9	**36.0**	34.2	42.7	52.1	60.3	68.4	71.1	58.0	42.0	29.0	29.0	45.0
1992	29.1	34.0	40.8	45.9	55.6	62.9	62.3	63.8	55.8	47.1	32.2	17.0	45.5
1993	13.3	15.9	36.1	43.8	56.4	58.0	**59.4**	61.7	53.2	45.0	27.0	28.2	41.5
1994	23.9	16.6	37.9	44.7	55.5	61.2	67.8	68.6	60.3	44.1	29.2	25.0	44.6
1995	23.1	29.4	31.3	40.1	50.2	59.8	65.9	65.9	55.9	43.2	33.6	23.3	43.5
1996	12.7	24.1	25.1	43.5	48.0	62.3	68.1	68.2	54.6	43.3	23.7	16.4	40.8
1997	15.0	27.0	32.9	37.6	52.7	62.0	65.8	66.3	60.0	45.1	32.0	26.3	43.5
1998	20.6	31.7	30.5	45.4	54.7	56.0	70.7	69.6	63.0	45.4	35.3	22.6	45.5
1999	24.4	31.7	36.8	41.5	50.6	58.9	65.6	68.3	53.1	46.2	41.3	30.3	45.7
2000	23.7	28.2	37.0	45.0	53.3	59.8	69.9	68.5	56.1	44.8	22.4	16.4	43.8
2001	24.1	16.6	34.6	42.9	54.9	59.7	68.5	69.6	60.6	44.9	38.1	24.1	44.9
2002	24.2	26.4	20.9	39.6	49.5	61.0	71.6	63.2	57.7	37.8	35.4	28.0	42.9
2003	26.0	21.8	31.6	46.2	52.3	60.7	72.5	72.2	56.9	49.2	25.9	25.6	45.1
2004	17.9	25.0	39.2	46.2	50.3	58.1	68.3	65.0	56.0	45.0	35.0	28.9	44.6
2005	18.8	30.4	36.3	44.7	51.0	59.6	69.5	65.8	57.6	47.3	34.7	20.8	44.7
2006	32.8	24.9	33.1	46.9	55.0	64.0	73.5	67.5	56.8	42.2	32.2	26.2	46.3
2007	22.6	23.4	40.5	42.9	54.3	62.9	75.6	68.0	57.3	46.8	33.2	23.6	45.9
2008	19.4	26.2	33.4	39.8	51.9	58.9	68.6	67.9	55.6	45.5	37.9	15.5	43.4
2009	22.5	26.8	30.2	42.2	53.0	58.6	66.4	65.5	62.8	38.5	36.4	13.2	43.0
2010	21.8	22.3	38.0	43.5	48.1	59.5	66.3	65.7	56.1	49.0	27.6	19.6	43.1
2011	20.7	16.9	30.7	39.3	48.5	58.1	68.8	68.7	60.4	47.8	31.5	26.9	43.2
2012	27.3	26.5	41.4	46.9	50.9	62.0	72.6	68.4	59.9	43.1	34.3	23.4	46.4
2013	23.0	28.6	32.8	38.9	53.7	61.1	69.8	69.4	60.9	42.0	32.1	17.8	44.2
2014	25.4	15.3	31.0	42.7	52.6	58.4	70.1	66.4	57.1	50.1	26.6	26.4	43.5
2015	25.0	29.2	41.6	44.6	51.9	66.0	68.3	67.9	59.3	49.7	30.9	24.9	46.6
2016	24.2	34.9	39.4	47.1	53.1	63.8	67.1	65.6	56.4	46.3	40.7	15.0	46.1
2017	14.8	25.9	37.9	44.0	54.3	62.7	73.8	67.6	56.8	44.5	32.1	20.9	44.6
2018	22.8	12.7	30.2	40.3	57.8	61.4	68.9	66.5	55.0	43.6	31.6	26.2	43.1
2019	25.3	5.4	24.4	44.2	50.2	60.9	67.4	67.3	57.4	37.6	30.9	27.5	41.5
2020	26.1	26.9	33.0	40.2	52.5	60.5	67.0	68.6	58.5	40.8	34.4	29.7	44.8
2021	28.8	14.9	37.7	42.0	49.8	66.8	74.8	67.1	60.3	47.9	39.0	21.6	45.9
2022	23.6	24.1	35.6	37.2	50.6	61.0	71.6	72.2	62.6	48.8	23.2	15.8	43.8
2023	23.5	23.7	24.7	39.8	58.2	61.8	69.2	69.2	60.5	43.8	36.0	32.1	45.2
1900-2023	**19.9**	**23.3**	**32.1**	**43.2**	**52.7**	**60.8**	**68.5**	**66.7**	**56.5**	**45.5**	**32.3**	**23.0**	**43.7**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg	
1999-2023	23.5	23.5	34.1	42.7	52.3	61.0	69.8	67.7	58.1	44.9	32.9	23.2	44.5	Last 25 yrs
2014-2023	24.0	21.3	33.5	42.2	53.1	62.3	69.8	67.8	58.4	45.3	32.5	24.0	44.5	Last 10 yrs
2019-2023	***25.5***	***19.0***	***31.1***	***40.7***	***52.2***	***62.2***	***70.0***	***68.9***	***59.8***	***43.8***	***32.7***	***25.3***	***44.3***	***Last 5 Yrs***

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Montana population 245,000

1900's: 43.5

1910 Montana population 380,000

June 6, 1912 Mt Novarupta, Alaska

1910's: 42.8

1916 Coldest year ever recorded in Montana

1920 Montana population 543,000

1920's: 43.5

Average Temperature for each Decade

1930 Montana population 539,000

1934 Hottest year ever recorded in Montana

1930's: 44.6

1940 Montana population 558,000

1940's: 43.5

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment on the coldest 2 year trend in 124 years!

1950's: 42.9

1950 Montana population 593,000

1960 Montana population 679,000

1961-62 Peak of Nuclear Weapons Testing

1960's: 43.4

1970 Montana population 694,409

1970's: 43.0

May 18, 1980 - Mt Saint Helens, WA

1980 Montana population 788,752

1980's: 44.2

1990 Montana population 799,824

June 15, 1991 Mt Pinatubo, Philippines

1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's: 44.1

2000 Montana population 903,773

2000's: 44.4

2010 Montana population 990,730

The 2017 Montana Climate Report ends assessment on the hottest 2 year temperature trend in 124 years.

2010's: 44.2

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

2020 Montana population 1,087,211

2023 Held vs. MT Court Decision

124 Yr Avg: 43.7

Montana Temperature is actually only trending 0.6° F above the 124 year average.

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column

Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column

*source of unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

NOAA Station Data (1) Kalispell, (2) Butte, (3) Great Falls, (4) Bozeman, (5) Lewistown, (6) Billings, (7) Glasgow, (8) Glendive

Best if Printed on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Average Precipitation in Montana (Table 2)

Avg Monthly Total Precipitation (in) for 8 Cities (with the most complete NOAA data) Across Montana (1900-2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
1900	0.23	0.88	0.88	2.14	2.51	0.81	0.70	1.67	1.62	1.15	1.22	0.57	14.38
1901	0.72	0.52	1.00	1.09	3.22	3.11	1.40	0.23	1.74	0.25	0.46	1.31	15.04
1902	0.43	1.24	1.05	0.86	3.96	2.80	1.57	0.84	0.62	0.17	1.17	1.09	15.80
1903	0.54	0.43	0.63	1.59	2.58	1.45	2.62	0.95	1.15	0.54	1.44	0.70	14.63
1904	0.98	1.38	2.25	0.85	1.23	1.29	1.26	0.67	0.17	0.34	0.14	1.01	11.57
1905	0.50	0.56	0.74	0.85	2.62	3.76	1.22	0.69	0.97	0.87	0.85	0.21	13.82
1906	0.66	0.68	0.72	1.51	3.92	3.64	0.58	1.95	1.02	0.69	1.06	1.12	17.55
1907	1.33	0.74	1.05	0.77	2.19	3.60	2.23	2.04	0.88	0.37	0.22	0.46	15.88
1908	0.64	1.08	1.58	0.75	4.68	2.96	0.76	1.31	1.94	2.14	0.27	0.28	18.38
1909	1.16	0.44	1.22	1.12	2.68	3.23	3.50	1.00	2.50	0.58	1.53	0.86	19.83
1910	0.66	0.88	0.61	1.27	1.82	1.62	1.08	0.87	2.71	1.57	1.26	0.52	14.87
1911	1.21	0.51	0.32	1.41	3.05	2.60	0.86	2.03	1.90	1.53	1.08	0.66	17.16
1912	0.79	0.31	0.87	1.62	2.46	1.29	2.43	2.41	1.56	1.68	0.28	0.41	16.10
1913	1.02	0.23	0.78	0.91	1.74	3.91	1.38	1.20	1.23	2.03	0.65	0.22	15.30
1914	0.59	0.76	0.87	1.08	1.98	4.18	1.06	1.03	1.48	1.73	0.43	0.38	15.56
1915	0.72	0.36	0.90	0.91	3.24	4.21	3.41	0.82	2.21	0.55	1.07	1.08	19.47
1916	1.29	0.67	1.14	1.19	2.34	3.92	2.60	1.70	2.08	1.28	0.67	1.31	20.19
1917	0.76	0.93	0.86	1.67	2.19	2.49	0.67	0.58	1.35	0.67	0.19	2.11	14.45
1918	1.48	0.55	0.87	1.16	1.52	1.22	1.79	2.08	1.63	0.86	0.82	0.33	14.31
1919	0.28	0.72	0.54	0.51	1.32	0.74	0.74	0.60	0.79	1.64	0.99	0.98	**9.84**
1920	0.60	0.59	1.09	2.11	1.73	2.51	1.11	1.26	0.93	1.22	0.34	0.57	14.06
1921	0.50	0.33	1.29	1.18	2.49	3.04	2.04	0.45	1.39	0.31	1.43	0.93	15.38
1922	0.59	0.72	0.60	2.02	2.63	1.92	1.59	1.30	0.70	0.56	0.93	0.79	14.35
1923	0.41	0.67	0.56	0.95	2.20	5.30	2.00	1.50	1.35	0.93	0.48	0.57	16.92
1924	0.76	0.69	1.11	1.08	1.25	3.02	1.38	0.81	1.43	1.46	0.87	0.97	14.82
1925	0.55	0.42	1.20	1.60	1.24	3.15	1.47	0.67	2.28	1.60	0.30	0.97	15.43
1926	0.63	0.64	0.36	0.34	2.33	1.93	0.80	1.57	2.46	0.40	1.39	0.89	13.74
1927	0.65	0.57	0.64	1.40	5.24	2.16	1.77	2.07	1.51	1.41	1.69	1.09	**20.17**
1928	1.04	0.46	0.54	0.89	0.66	3.38	2.37	1.64	0.41	1.08	0.25	0.70	13.42
1929	1.21	0.70	1.02	0.91	1.73	2.75	0.64	0.38	1.30	1.01	0.67	1.40	13.73
1930	0.57	0.37	0.72	1.46	0.99	1.52	0.96	1.12	1.47	1.61	0.83	0.37	11.96
1931	0.40	0.38	0.66	0.60	1.13	1.92	1.54	0.61	1.81	0.47	0.88	0.62	**11.02**
1932	0.63	0.41	1.65	1.87	1.38	3.70	1.32	2.18	0.47	1.69	0.76	0.85	16.91
1933	0.67	0.59	0.46	1.22	2.50	1.56	0.58	3.26	0.81	1.07	0.67	1.11	14.50
1934	0.36	0.43	1.35	0.38	0.78	2.78	1.07	0.16	1.05	0.96	0.31	0.75	10.36
1935	0.65	0.17	1.49	1.25	1.82	1.60	1.34	0.55	0.26	0.81	0.56	0.46	10.96
1936	0.78	1.12	0.60	0.92	1.13	1.98	0.81	0.89	0.80	0.55	0.40	0.80	10.78
1937	0.79	0.57	0.70	0.85	0.48	2.98	1.77	0.42	1.52	1.16	0.52	0.78	12.53
1938	0.39	0.46	1.54	0.51	3.41	3.70	1.88	1.05	1.08	1.71	0.92	0.36	17.01
1939	0.62	0.47	0.59	0.79	1.82	4.23	0.71	0.89	0.88	0.81	0.22	0.63	12.67
1940	0.62	0.92	0.84	2.94	1.28	2.14	1.36	0.18	1.57	1.39	1.04	0.37	14.63
1941	0.33	0.35	0.52	1.54	1.72	3.19	1.20	1.65	3.21	0.91	1.23	0.81	16.65
1942	0.64	0.96	0.82	1.07	3.85	3.60	1.16	0.90	1.08	0.98	1.12	0.45	16.61
1943	1.50	0.50	0.81	1.46	1.20	3.78	1.17	1.42	0.36	1.18	0.44	0.24	14.06
1944	0.21	0.76	0.92	0.56	2.01	6.04	0.91	1.71	1.33	0.23	0.76	0.54	15.98
1945	0.47	0.39	0.91	0.97	1.88	3.14	0.49	0.99	1.63	0.90	0.73	1.14	13.63
1946	0.47	0.39	0.88	0.46	1.98	1.95	2.38	0.85	2.40	2.06	1.01	0.83	15.65
1947	0.51	0.52	1.22	1.15	0.90	4.45	0.86	2.47	2.00	0.75	1.15	0.63	16.61
1948	0.75	0.53	0.86	1.18	2.73	4.26	2.61	1.18	0.41	0.18	0.76	0.83	16.26
1949	1.08	0.75	0.77	0.79	2.01	2.37	1.56	0.49	1.19	1.39	0.39	0.94	13.73
1950	0.89	0.57	1.65	1.20	1.27	3.53	2.39	2.05	1.97	0.85	1.07	0.91	18.35
1951	0.74	0.83	0.96	1.46	1.71	1.86	1.12	2.38	1.63	1.82	0.57	1.61	16.66
1952	0.59	1.24	0.88	0.62	3.10	2.08	1.36	1.29	0.62	0.17	0.90	0.29	13.14
1953	0.75	0.94	0.84	1.75	4.47	3.56	0.50	0.95	0.77	0.93	0.48	0.81	16.74
1954	1.25	0.37	1.27	0.87	1.60	3.01	0.64	2.65	1.44	0.87	0.22	0.18	14.35
1955	0.58	1.02	0.97	2.53	3.04	2.08	2.29	0.08	0.77	0.92	1.30	1.31	16.88
1956	0.63	0.46	0.52	1.06	1.91	2.12	1.40	1.80	0.62	0.65	0.52	0.50	12.18
1957	0.96	0.53	0.90	1.77	2.43	3.45	0.96	1.21	1.11	1.53	0.68	0.29	15.82
1958	0.50	1.05	0.79	1.16	0.71	3.29	2.15	0.81	0.71	0.47	1.34	0.99	13.98
1959	0.93	0.92	0.46	0.89	2.44	2.28	0.72	0.65	1.96	1.18	1.51	0.28	14.23
1960	0.57	0.50	0.67	1.21	1.93	1.29	0.46	2.11	0.29	0.47	0.64	0.49	10.63
1961	0.20	0.52	0.71	1.59	1.66	1.29	1.37	0.49	2.77	0.93	0.81	0.45	12.79
1962	0.93	0.70	0.86	0.48	4.06	2.46	2.60	1.71	0.50	1.11	1.04	0.39	16.84
1963	1.31	0.45	0.59	1.62	1.89	3.72	1.08	1.01	1.10	0.57	0.34	0.78	14.45
1964	0.55	0.44	1.06	1.52	2.90	4.29	0.94	2.66	0.47	0.49	1.07	1.30	17.67
1965	0.89	0.62	0.54	1.64	2.22	4.25	1.35	2.52	1.86	0.26	0.58	0.46	17.18
1966	0.76	0.46	0.67	0.88	1.64	2.62	1.23	1.29	0.84	0.85	1.04	0.79	13.06
1967	0.99	0.47	1.57	1.75	1.78	3.89	0.70	0.22	1.55	1.59	0.61	1.07	16.18
1968	0.88	0.36	0.69	0.98	2.32	3.20	0.63	2.51	2.09	0.60	1.12	0.95	16.32
1969	1.66	0.28	0.40	1.43	1.29	4.47	2.08	0.43	0.58	1.41	0.31	0.66	15.00
1970	1.09	0.74	1.00	1.74	2.97	2.08	1.55	0.56	1.47	0.98	0.86	0.59	15.63
1971	1.31	0.56	0.81	1.13	1.92	2.36	0.46	0.84	1.45	1.57	0.47	0.99	13.87
1972	1.26	0.74	1.04	1.03	2.12	2.01	1.65	1.75	0.97	1.13	0.34	0.92	14.94
1973	0.57	0.40	0.82	2.07	0.98	3.12	0.34	1.04	1.92	1.07	1.12	1.22	14.66
1974	0.75	0.40	1.12	1.12	3.12	1.25	1.19	2.63	0.85	0.89	0.51	0.64	14.45
1975	1.21	0.71	1.30	2.08	2.95	3.08	2.37	1.60	0.72	2.51	1.02	0.86	**20.40**
1976	0.56	0.57	0.62	1.77	1.37	3.48	1.85	1.60	1.27	0.59	0.46	0.31	14.45
1977	0.91	0.29	1.10	0.43	2.19	1.14	1.66	1.49	2.47	0.75	0.86	1.67	14.97
1978	1.30	0.93	0.44	1.52	4.01	2.36	2.45	0.97	2.95	0.34	1.30	0.99	19.53
1979	0.79	0.92	0.72	1.57	1.44	1.61	0.71	1.05	0.18	0.78	0.43	0.36	10.57
1980	0.94	0.86	0.94	0.68	3.41	2.92	0.71	1.94	1.38	1.52	0.46	0.63	16.39
1981	0.38	0.65	1.26	0.76	5.04	2.44	1.29	0.78	0.55	1.31	0.66	0.59	15.72
1982	1.19	0.70	1.68	1.29	3.05	3.26	1.35	0.76	1.79	1.16	0.47	1.24	17.92
1983	0.24	0.37	0.96	0.76	1.56	2.13	2.45	1.13	1.64	1.00	0.98	0.85	14.07
1984	0.61	0.65	1.04	1.05	1.20	2.36	0.44	0.96	1.14	0.88	0.82	0.84	11.96
1985	0.29	0.44	0.98	0.61	1.91	0.88	0.78	3.05	2.28	0.97	0.96	0.36	13.50
1986	0.68	1.04	0.59	1.52	2.21	2.04	1.71	1.08	2.77	0.59	1.13	0.18	15.54
1987	0.25	0.32	1.41	0.62	3.03	1.29	3.22	1.78	0.74	0.08	0.27	0.51	13.50
1988	0.66	0.50	0.63	1.03	2.29	1.15	0.74	0.39	1.66	0.62	0.53	0.88	11.08
1989	1.05	0.79	1.26	2.06	2.62	1.50	1.62	2.67	0.88	1.23	0.99	1.25	17.91
1990	0.64	0.30	1.09	1.31	2.77	1.42	1.06	1.91	0.12	0.74	0.80	1.03	13.19
1991	0.67	0.35	1.03	2.05	2.64	3.82	0.82	0.83	1.96	0.73	1.05	0.28	16.24
1992	0.42	0.24	0.70	1.68	1.48	3.28	1.91	1.18	0.81	1.18	0.75	0.65	14.28
1993	0.69	0.45	0.64	1.81	1.59	3.27	5.19	2.64	1.11	1.22	0.58	0.54	19.72
1994	0.59	0.60	0.36	1.65	1.81	2.47	1.29	0.38	0.42	2.05	0.91	0.44	12.98
1995	0.76	0.38	1.43	1.70	2.53	3.81	2.48	1.26	1.09	1.40	0.90	0.62	18.36
1996	0.97	0.65	1.00	1.35	3.08	1.37	0.79	0.64	1.74	0.82	1.43	1.35	15.18
1997	0.89	0.47	0.97	1.72	2.34	3.27	2.77	1.57	0.84	1.10	0.46	0.42	16.81
1998	0.73	0.46	1.32	1.19	2.20	3.93	1.68	1.38	0.99	1.46	0.99	0.90	17.21
1999	0.77	0.60	0.73	1.60	2.59	2.35	1.07	2.33	1.09	0.51	0.47	0.50	14.60
2000	0.50	0.74	0.82	1.10	1.85	1.97	1.69	0.26	1.35	1.02	0.84	0.41	12.54
2001	0.33	0.45	0.50	1.42	0.54	3.89	2.56	0.17	1.10	0.83	0.28	0.29	12.35
2002	0.51	0.29	0.54	0.93	1.87	3.03	1.35	2.03	1.38	0.52	0.27	0.36	13.07
2003	0.63	0.78	0.99	1.80	2.10	1.79	0.62	0.74	0.74	0.82	0.43	0.89	12.32
2004	0.68	0.43	0.33	1.18	2.23	2.31	1.60	1.46	1.35	1.27	0.27	0.54	13.64
2005	0.35	0.15	0.86	1.56	1.81	4.42	0.78	1.19	1.21	1.58	1.29	0.74	15.94
2006	0.73	0.45	1.13	2.33	1.92	2.36	0.64	0.67	1.74	1.99	0.59	0.63	15.18
2007	0.29	0.97	0.73	1.68	4.16	1.80	1.00	0.57	1.44	1.51	0.55	0.39	15.07
2008	0.58	0.38	0.47	0.87	3.56	2.60	1.25	1.10	1.40	0.94	0.84	1.33	15.32
2009	0.60	0.37	0.97	2.03	1.09	1.93	2.11	1.89	0.65	1.59	0.54	0.63	14.38
2010	0.91	0.35	0.51	1.59	2.99	4.25	1.29	2.32	1.79	0.60	1.51	1.14	19.23
2011	1.01	0.82	0.76	2.06	5.04	3.37	1.50	0.90	0.31	1.54	0.53	0.37	18.19
2012	0.46	0.51	0.96	1.89	2.22	2.04	1.83	0.42	0.13	1.26	1.00	0.65	13.37
2013	0.66	0.27	0.58	1.04	4.12	2.83	1.01	1.01	2.20	0.97	0.70	1.02	16.40
2014	0.75	0.89	1.62	1.30	1.80	3.29	0.63	4.27	0.95	0.71	1.25	0.93	18.37
2015	0.92	0.46	0.65	1.21	2.16	1.46	1.62	0.75	1.20	1.38	0.83	1.00	13.64
2016	0.61	0.37	0.92	1.98	2.68	1.23	2.07	1.04	1.98	3.00	0.37	0.96	17.22
2017	0.59	0.92	1.20	2.34	1.48	1.88	0.37	0.30	1.97	0.76	0.99	1.23	14.02
2018	0.72	1.16	0.92	1.92	3.44	3.40	0.57	1.06	1.04	1.01	0.97	0.61	16.81
2019	0.74	1.56	0.45	2.03	1.97	2.12	1.85	1.77	3.77	1.02	0.98	0.32	18.57
2020	0.45	0.70	0.64	0.76	2.48	3.59	0.89	0.60	0.69	1.62	0.67	0.34	13.42
2021	0.47	0.72	0.41	0.86	2.25	0.82	0.66	2.10	0.24	1.34	0.53	0.95	11.35
2022	0.57	0.60	0.70	1.99	2.49	2.53	1.67	0.75	1.22	1.39	0.95	0.98	15.82
2023	0.66	0.55	0.93	1.22	3.03	4.01	0.50	1.60	1.86	1.54	0.54	0.34	16.76
1900-2023	**0.72**	**0.61**	**0.89**	**1.31**	**2.29**	**2.71**	**1.42**	**1.28**	**1.32**	**1.05**	**0.77**	**0.74**	**15.11**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg	
1999-2023	0.62	0.62	0.77	1.55	2.47	2.61	1.24	1.25	1.31	1.23	0.73	0.70	15.10	Last 25 yrs
2014-2023	0.65	0.79	0.84	1.56	2.38	2.43	1.08	1.42	1.49	1.38	0.81	0.76	15.60	Last 10 yrs
2019-2023	***0.58***	***0.82***	***0.63***	***1.37***	***2.44***	***2.61***	***1.12***	***1.36***	***1.55***	***1.38***	***0.73***	***0.58***	***15.18***	***Last 5 Yrs***

Precipitation is at least 50% higher than the 124 year avg in the corresponding column

Precipitation is at least 50% lower than the 124 year avg in the corresponding column

*source of data https://www.weather.gov/wrh/Climate?wfo=byz https://montanaclimate.org/

NOAA Data (1) Kalispell, (2) Butte, (3) Great Falls, (4) Bozeman, (5) Lewistown, (6) Billings, (7) Glasgow, (8) Glendive

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

2017 Montana Climate Assessment Report (1950-2015)

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Montana population 245,000

1900's

15.69

Avg Yearly Precip for each Decade in Montana

1910 Montana population 380,000

June 6, 1912 Mt Novarupta, Alaska

1910's

15.72

1919 Driest recorded avg these 8 Montana Cities

1920 Montana population 543,000

1920's

15.20

1927 Wettest year recorded in Montana (21.73 in)

1930 Montana population 539,000

1931 Driest year recorded in Montana (9.97 in)

1930's

12.87

1930's Driest Decade

1940 Montana population 558,000

1940's

15.38

The 2017 Montana Climate Report ignores data from the first half of the century (1900-1949) and starts its assessment in 1950

1950's

15.23

1950 Montana population 593,000

1960 Montana population 679,000

1961-62 Peak of Nuclear Weapons Testing

1960's

15.01

1970 Montana population 694,409

1970's

15.35

1975 Wettest recorded avg these 8 Montana Cities

May 18, 1980 - Mt Saint Helens, WA

1980 Montana population 788,752

1980's

14.76

1990 Montana population 799,824

June 15, 1991 Mt Pinatubo, Philippines

1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's

15.86

2000 Montana population 903,773

2000's

13.98

2010 Montana population 990,730

2010's Wettest Decade

2010's

16.58

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

2020 Montana population 1,087,211

2023 Held vs. MT Court Decision

Precipitation is essentially unchanged, trending just (+0.07) above the 124 year average.

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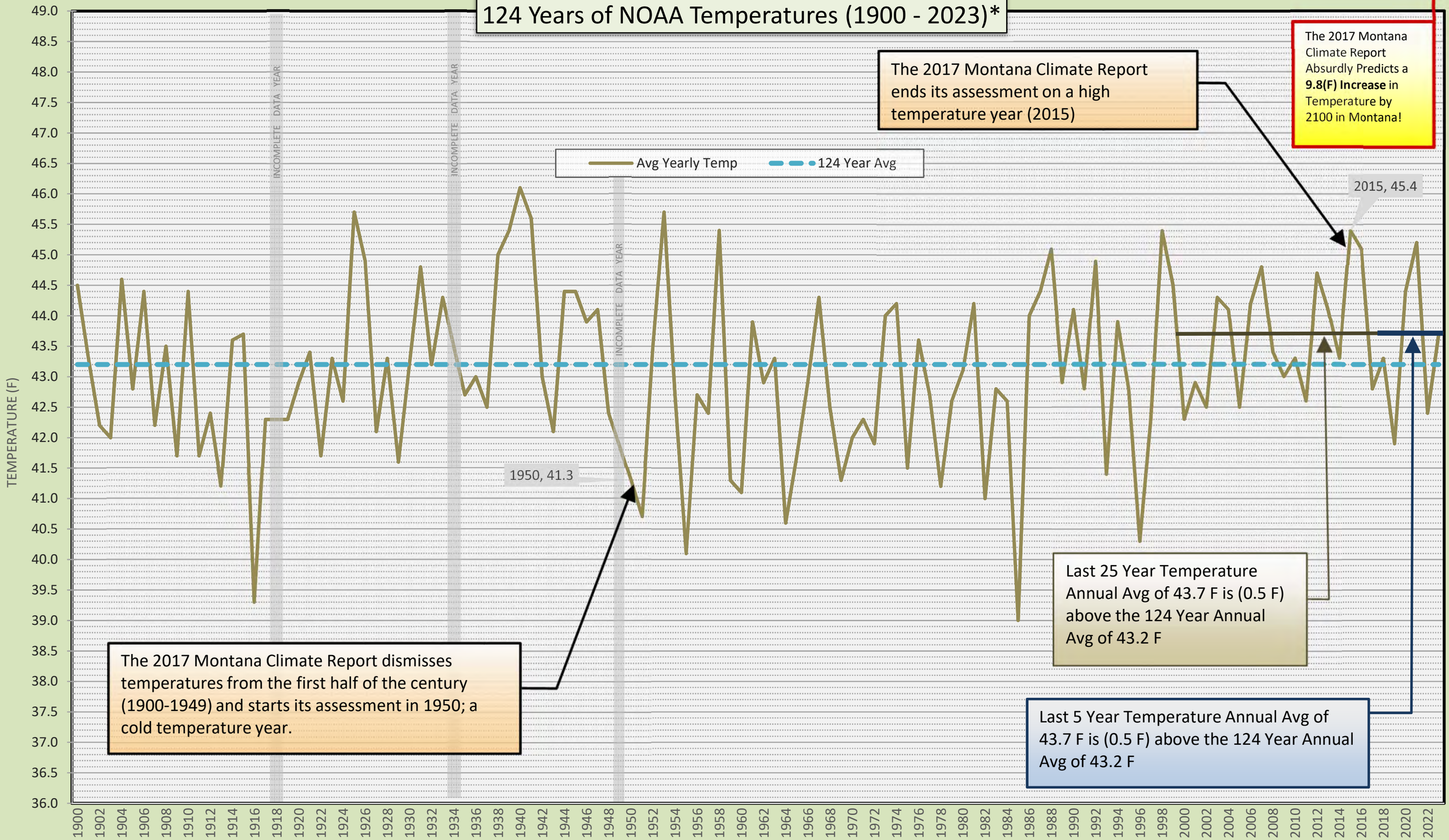
ATTACHMENT 1 – CHARTS
Individual City Temperatures & Precipitation (11 x 17)

CHART 1-1----------Kalispell Temperatures
CHART 1-1A----------Kalispell Altered Temperatures
CHART 1-1B----------Kalispell Unaltered vs Altered
CHART 1-2----------Butte Temperatures
CHART 1-3----------Great Falls Temperatures
CHART 1-4----------Bozeman Temperatures
CHART 1-5----------Lewistown Temperatures
CHART 1-6----------Billings Temperatures
CHART 1-7----------Glasgow Temperatures
CHART 1-8----------Glendive Temperatures

CHART 2-1----------Kalispell Precipitation
CHART 2-2----------Butte Precipitation
CHART 2-3----------Great Falls Precipitation
CHART 2-4----------Bozeman Precipitation
CHART 2-5----------Lewistown Precipitation
CHART 2-6----------Billings Precipitation
CHART 2-7----------Glasgow Precipitation
CHART 2-8----------Glendive Precipitation

Chart 1-1 Kalispell, MT

124 Years of NOAA Temperatures (1900 - 2023)*



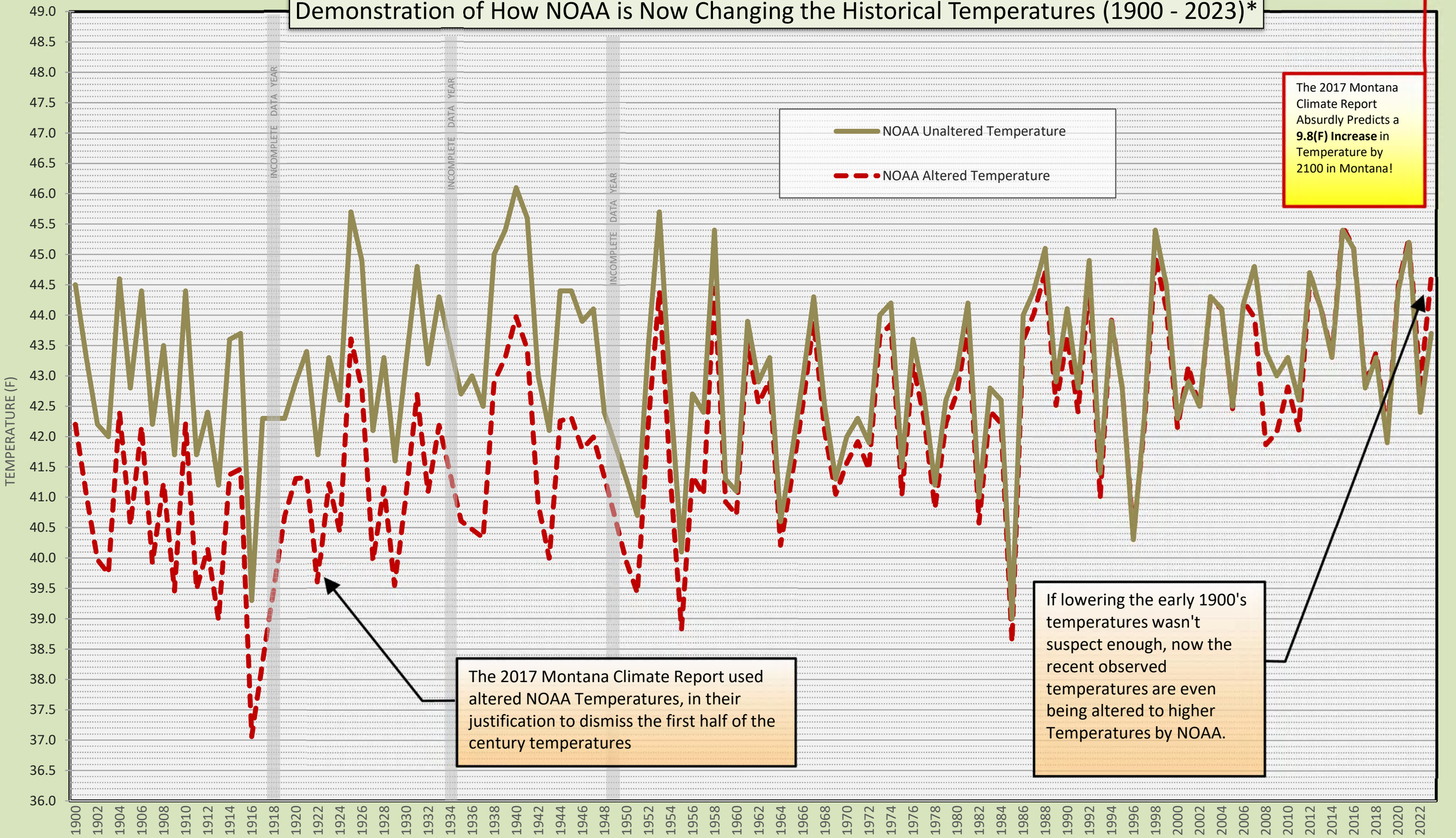
*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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D. Weber, March 2024

Chart 1-1A Kalispell, MT

Demonstration of How NOAA is Now Changing the Historical Temperatures (1900 - 2023)*



The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

The 2017 Montana Climate Report used altered NOAA Temperatures, in their justification to dismiss the first half of the century temperatures

If lowering the early 1900's temperatures wasn't suspect enough, now the recent observed temperatures are even being altered to higher Temperatures by NOAA.

*Unaltered Temp at Kalispell from NOAA at https://www.weather.gov/wrh/Climate?wfo=byz

**Altered Temp at Kalispell from NOAA at https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/city/time-series

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Chart 1-1B Kalispell, MT

Demonstration of How an Upward Trend is Created by NOAA's Altering of Historical Temperatures

TEMPERATURE (F)

INCOMPLETE DATA YEAR

INCOMPLETE DATA YEAR

INCOMPLETE DATA YEAR

The 2017 Montana Climate Assessment used altered temperatures in its analysis.

If lowering the early temperatures wasn't suspect enough, now the recent observed temperatures are even being altered to higher Temperatures by NOAA.

NOAA Unaltered Temperature (Baseline)

NOAA Altered Temperature

The temperatures over the last 124 years have recently been altered by NOAA in such a way that an upward trend is being manufactured. (i.e. lowering the start by -2.3F and adding to the finish)

*Unaltered Temp at Kalispell from NOAA at https://www.weather.gov/wrh/Climate?wfo=byz

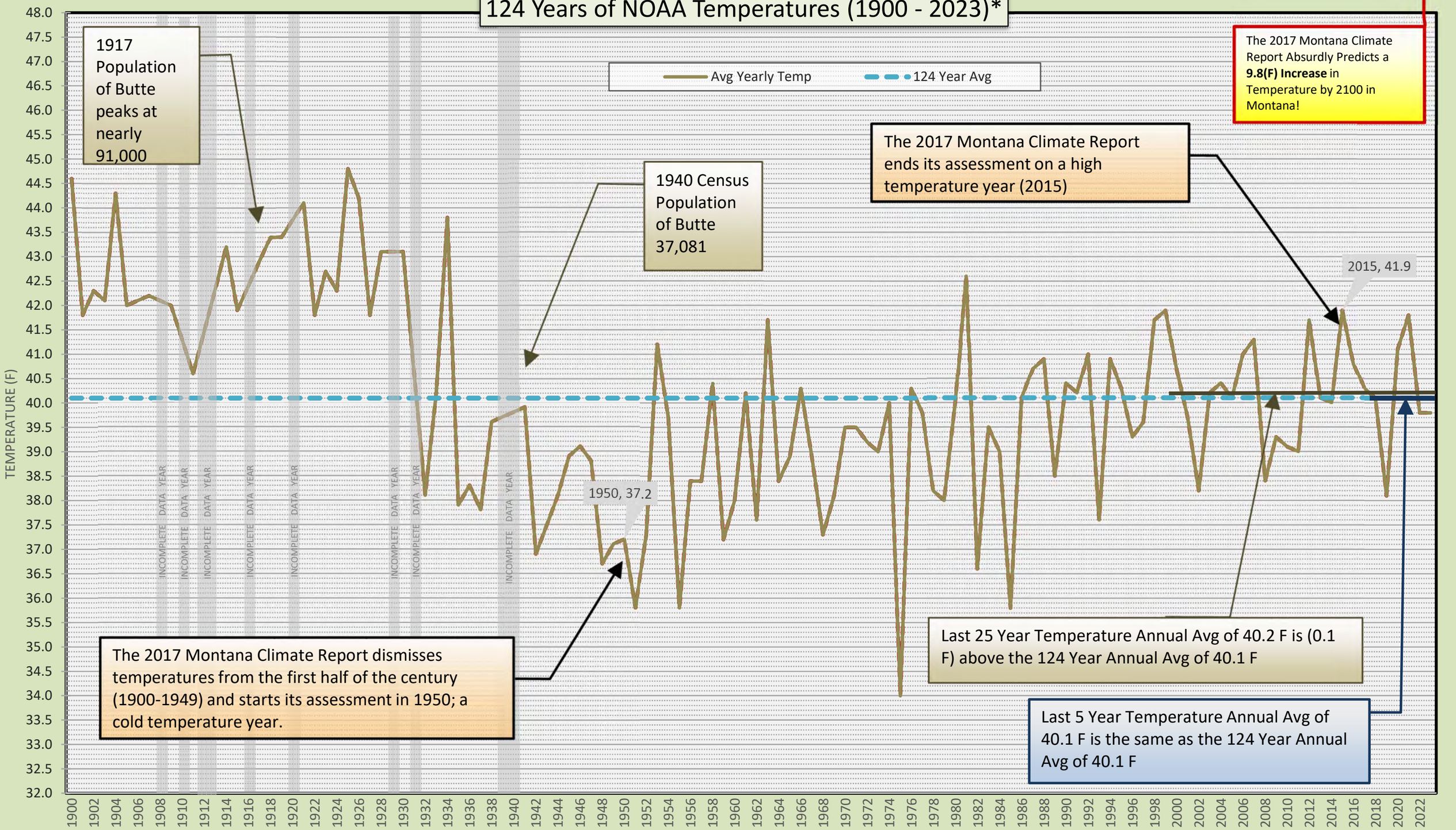
**Altered Temp at Kalispell from NOAA at https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/city/time-series

Best if Printed on 11"x17" Paper (Tabloid)

D. Weber, March 2024

Chart 1-2 Butte, MT

124 Years of NOAA Temperatures (1900 - 2023)*



1917 Population of Butte peaks at nearly 91,000

1940 Census Population of Butte 37,081

The 2017 Montana Climate Report ends its assessment on a high temperature year (2015)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment in 1950; a cold temperature year.

Last 25 Year Temperature Annual Avg of 40.2 F is (0.1 F) above the 124 Year Annual Avg of 40.1 F

Last 5 Year Temperature Annual Avg of 40.1 F is the same as the 124 Year Annual Avg of 40.1 F

*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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D. Weber, March 2024

Chart 1-3 Great Falls, MT

124 Years of NOAA Temperatures (1900 - 2023)*

TEMPERATURE (F)

INCOMPLETE DATA YEAR

INCOMPLETE DATA YEAR

Avg Yearly Temp

124 Year Avg

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

The 2017 Montana Climate Report ends its assessment on a high temperature year (2015)

2015, 46.8

1950, 42.5

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment in 1950; a cold temperature year.

Last 25 Year Temperature Annual Avg of 45.1 F is (0.1 F) below the 124 Year Annual Avg of 45.2 F

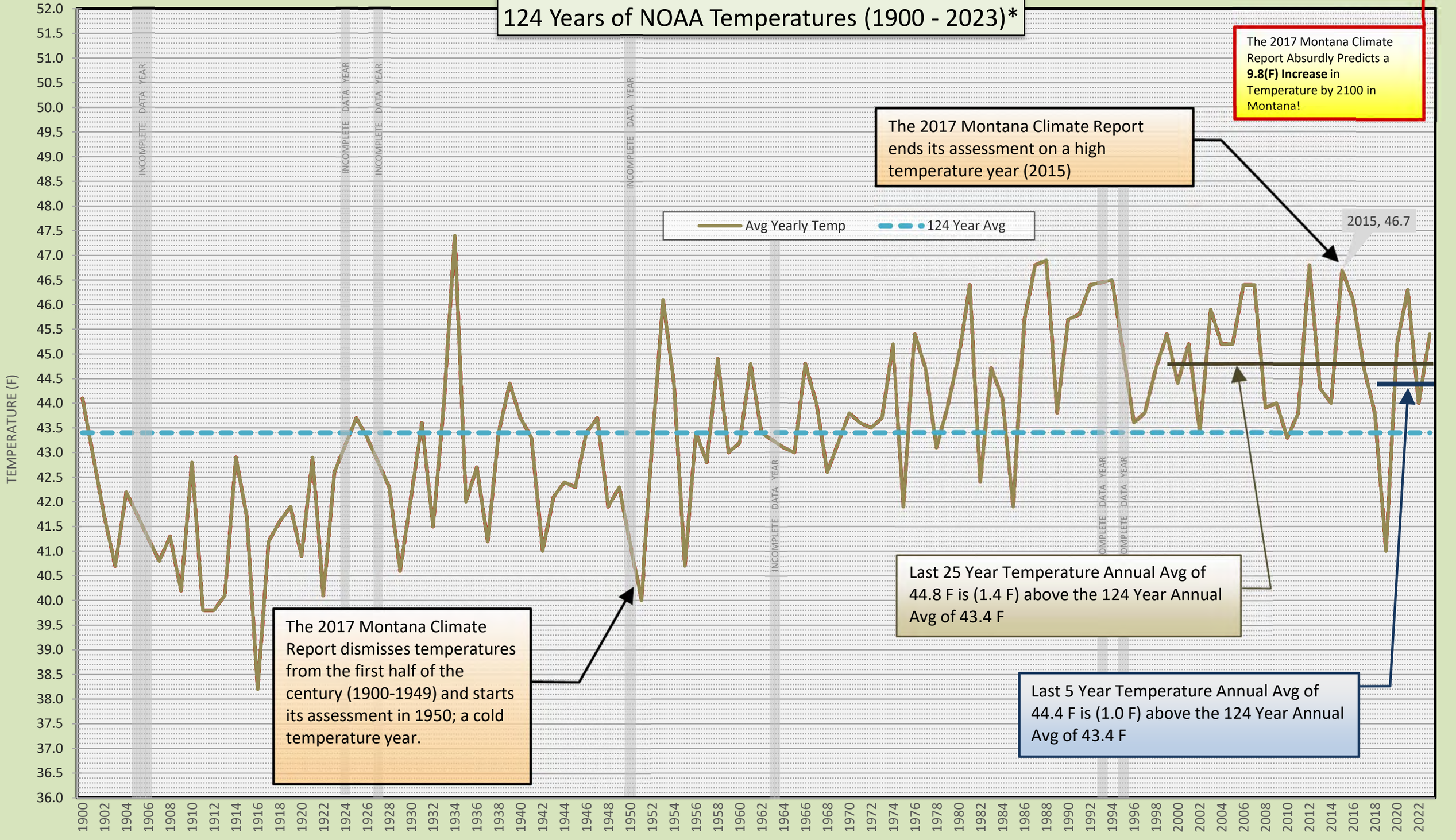
Last 5 Year Temperature Annual Avg of 44.7 F is (-0.5 F) below the 124 Year Annual Avg of 45.2 F

*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 1-4 Bozeman, MT

124 Years of NOAA Temperatures (1900 - 2023)*



The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

The 2017 Montana Climate Report ends its assessment on a high temperature year (2015)

Last 25 Year Temperature Annual Avg of 44.8 F is (1.4 F) above the 124 Year Annual Avg of 43.4 F

Last 5 Year Temperature Annual Avg of 44.4 F is (1.0 F) above the 124 Year Annual Avg of 43.4 F

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment in 1950; a cold temperature year.

*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 1-5 Lewistown, MT

124 Years of NOAA Temperatures (1900 - 2023)*

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

The 2017 Montana Climate Report ends its assessment on a high temperature year (2015)

2015, 46.4

Avg Yearly Temp

124 Year Avg

1950, 39.2

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment in 1950; a cold temperature year.

Last 25 Year Temperature Annual Avg of 43.3 F is (0.6 F) above the 124 Year Annual Avg of 42.7 F

Last 5 Year Temperature Annual Avg of 42.9 F is (0.2 F) above the 124 Year Annual Avg of 42.7 F

INCOMPLETE DATA YEAR

TEMPERATURE (F)

51 50.5 50 49.5 49 48.5 48 47.5 47 46.5 46 45.5 45 44.5 44 43.5 43 42.5 42 41.5 41 40.5 40 39.5 39 38.5 38 37.5 37 36.5 36 35.5 35

1900 1902 1904 1906 1908 1910 1912 1914 1916 1918 1920 1922 1924 1926 1928 1930 1932 1934 1936 1938 1940 1942 1944 1946 1948 1950 1952 1954 1956 1958 1960 1962 1964 1966 1968 1970 1972 1974 1976 1978 1980 1982 1984 1986 1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022

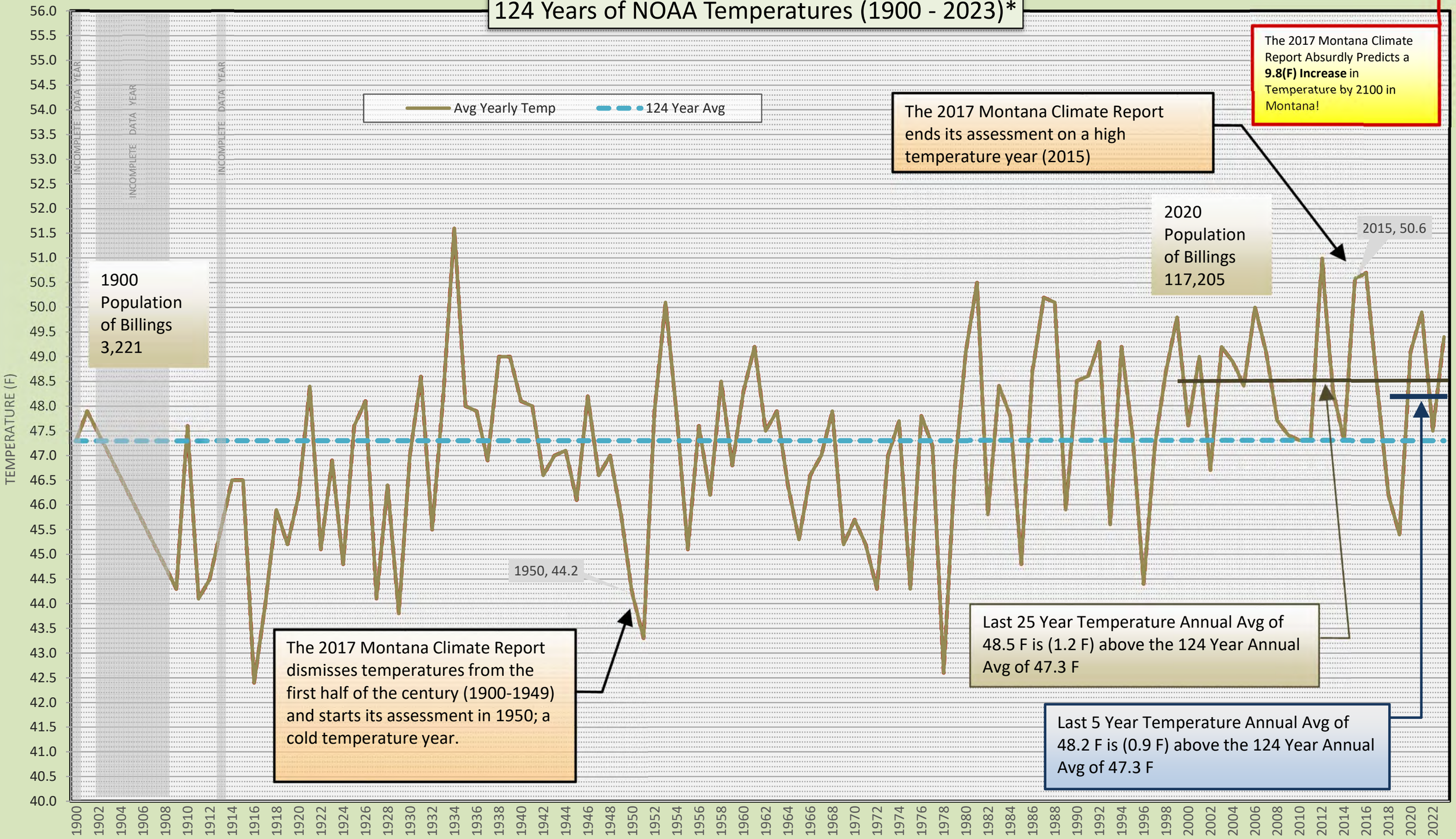
*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 1-6 Billings, MT

124 Years of NOAA Temperatures (1900 - 2023)*



1900 Population of Billings 3,221

2020 Population of Billings 117,205

The 2017 Montana Climate Report ends its assessment on a high temperature year (2015)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment in 1950; a cold temperature year.

Last 25 Year Temperature Annual Avg of 48.5 F is (1.2 F) above the 124 Year Annual Avg of 47.3 F

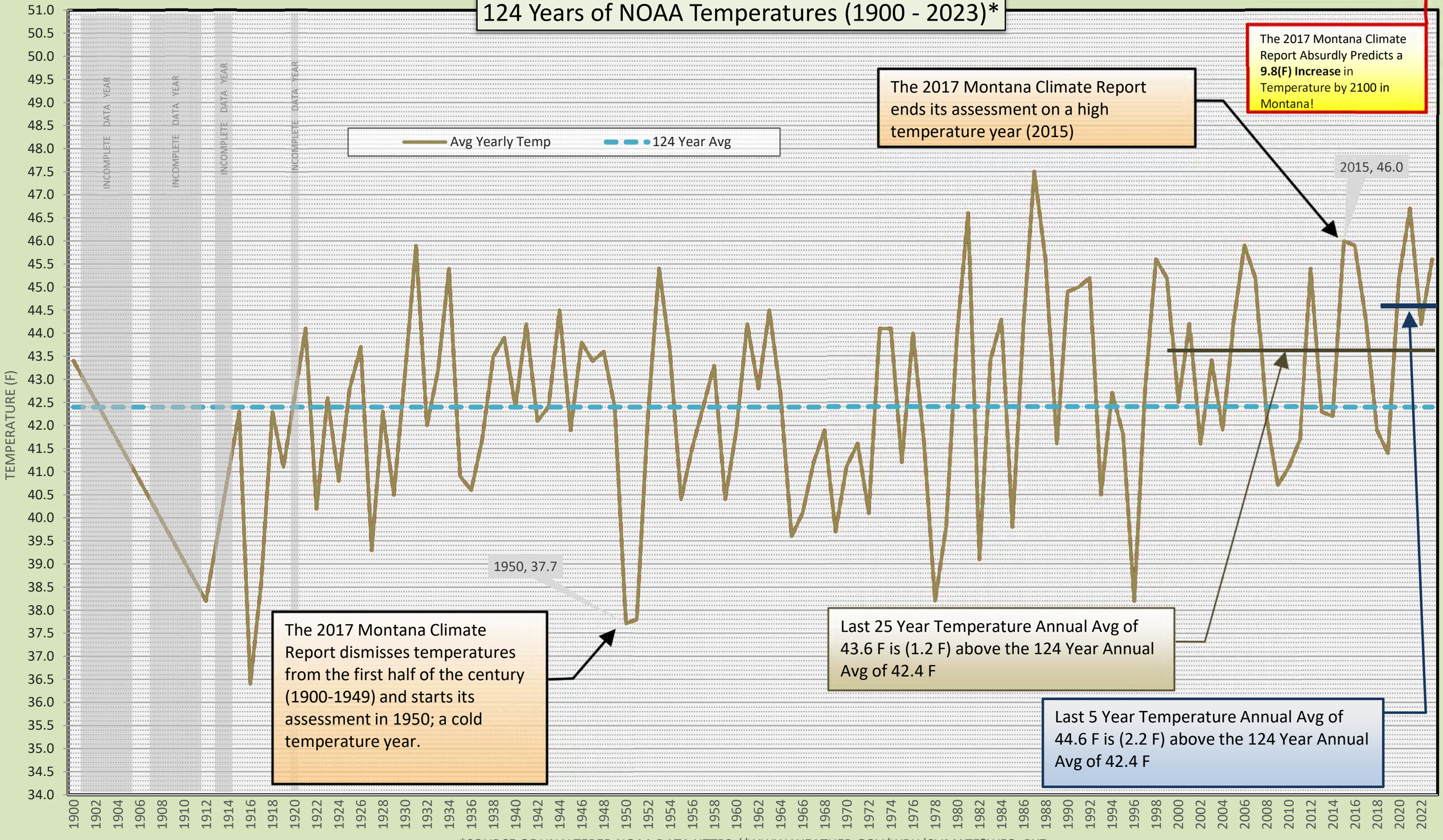
Last 5 Year Temperature Annual Avg of 48.2 F is (0.9 F) above the 124 Year Annual Avg of 47.3 F

*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 1-7 Glasgow, MT

124 Years of NOAA Temperatures (1900 - 2023)*



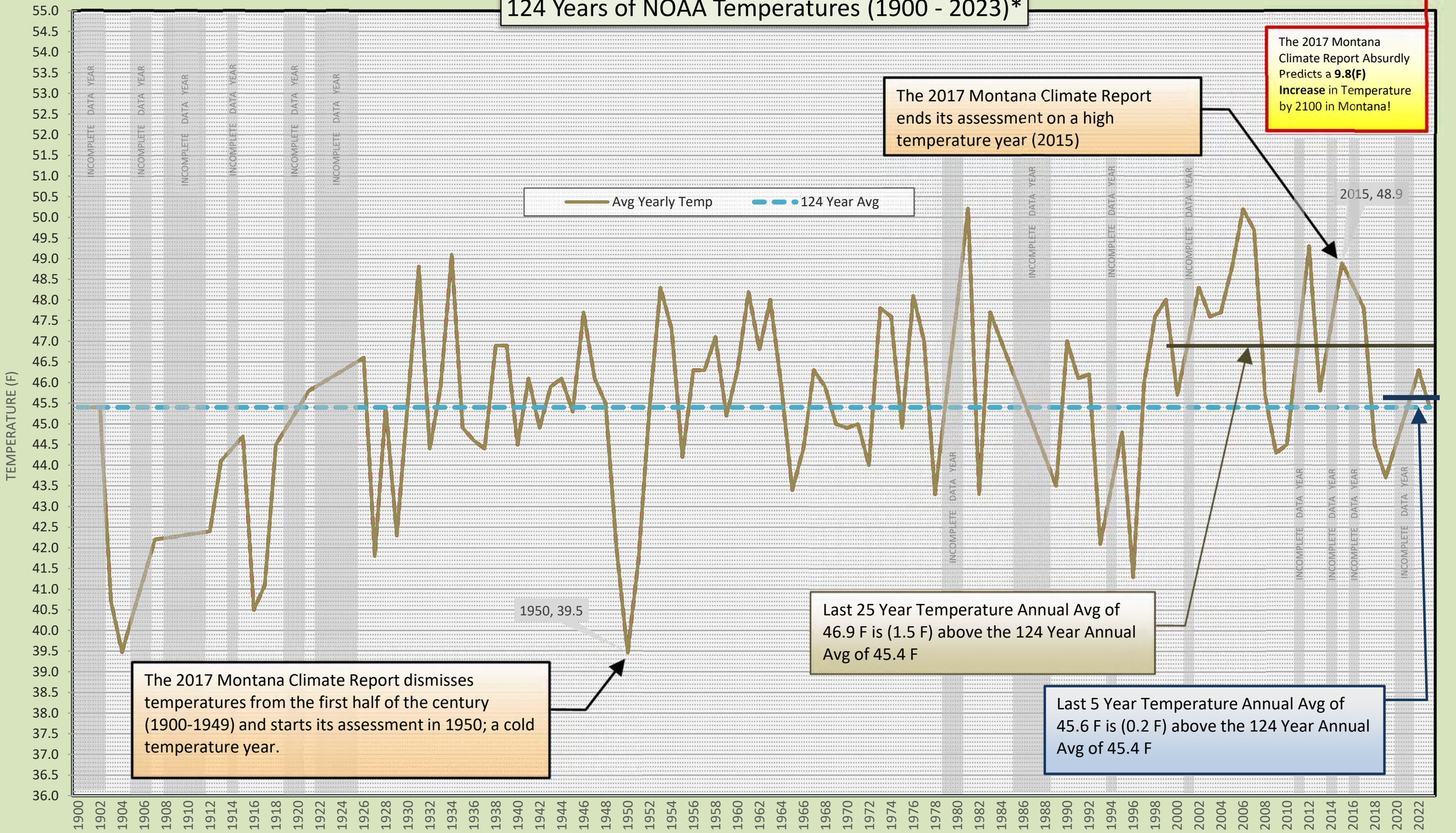
*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 1-8 Glendive MT

124 Years of NOAA Temperatures (1900 - 2023)*



The 2017 Montana Climate Report ends its assessment on a high temperature year (2015)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment in 1950; a cold temperature year.

Last 25 Year Temperature Annual Avg of 46.9 F is (1.5 F) above the 124 Year Annual Avg of 45.4 F

Last 5 Year Temperature Annual Avg of 45.6 F is (0.2 F) above the 124 Year Annual Avg of 45.4 F

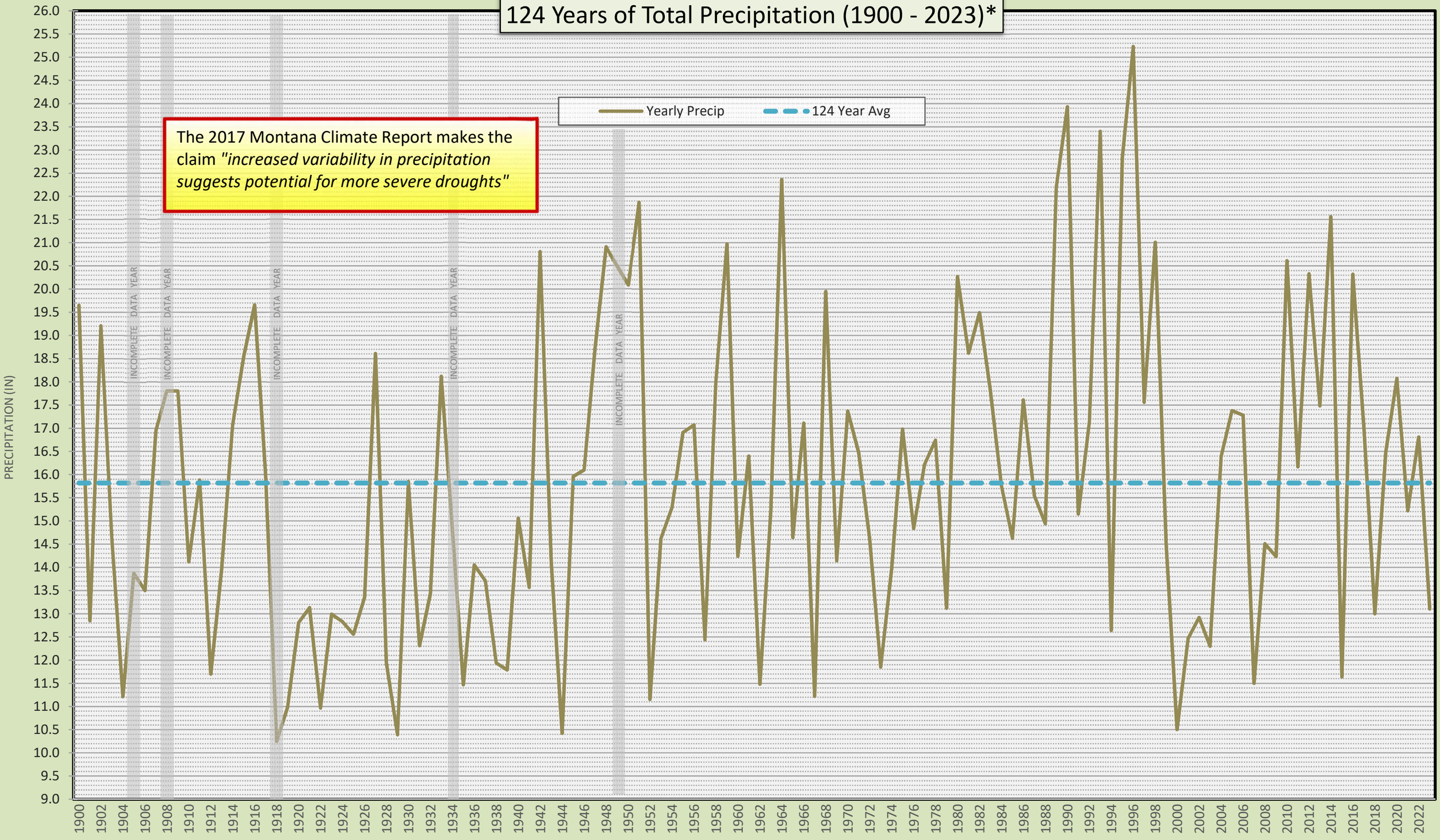
*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 2-1 Kalispell, MT

124 Years of Total Precipitation (1900 - 2023)*



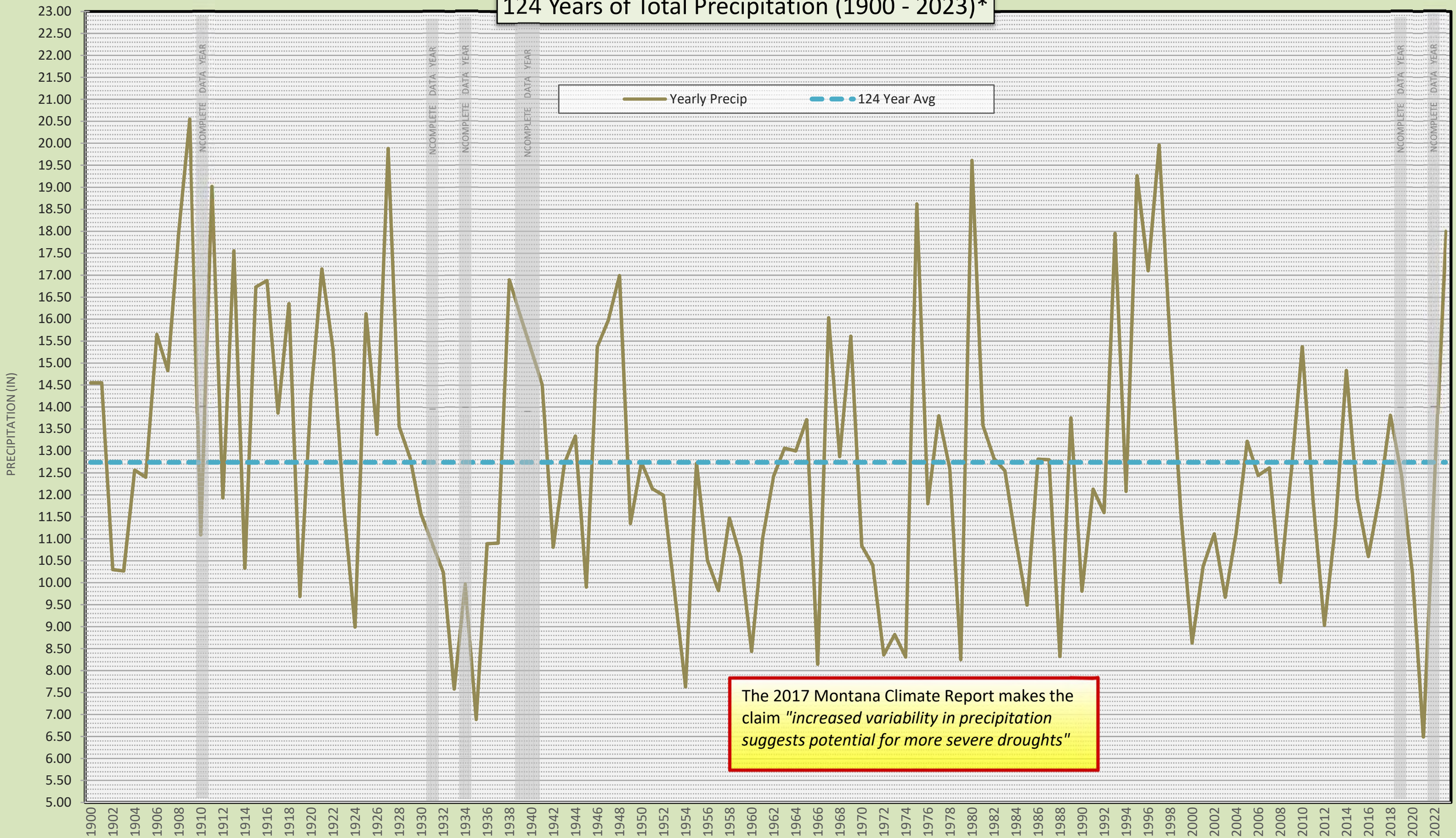
*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 2-2 Butte, MT

124 Years of Total Precipitation (1900 - 2023)*



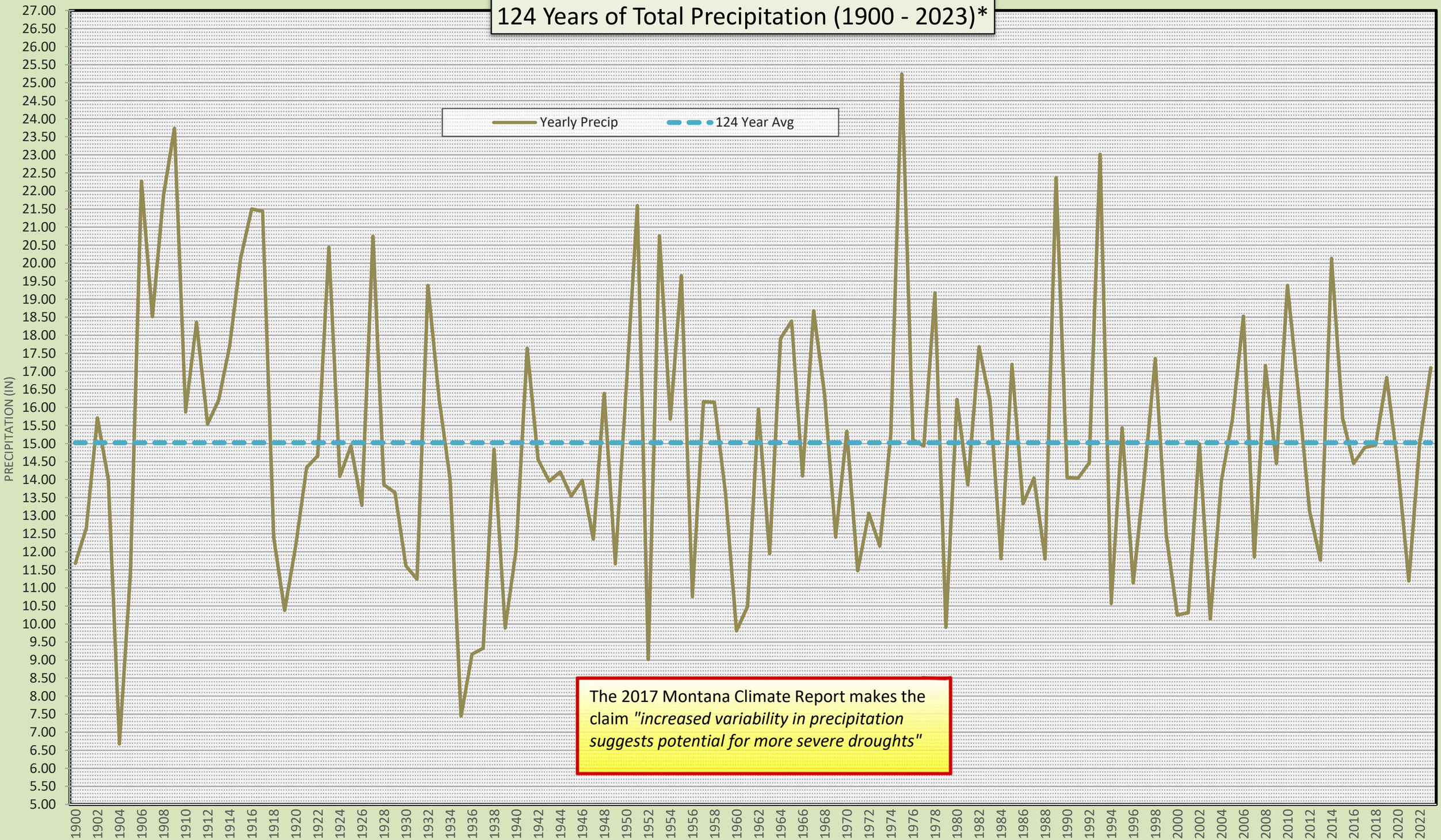
The 2017 Montana Climate Report makes the claim *"increased variability in precipitation suggests potential for more severe droughts"*

*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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D. Weber, March 2024

Chart 2-3 Great Falls, MT

124 Years of Total Precipitation (1900 - 2023)*



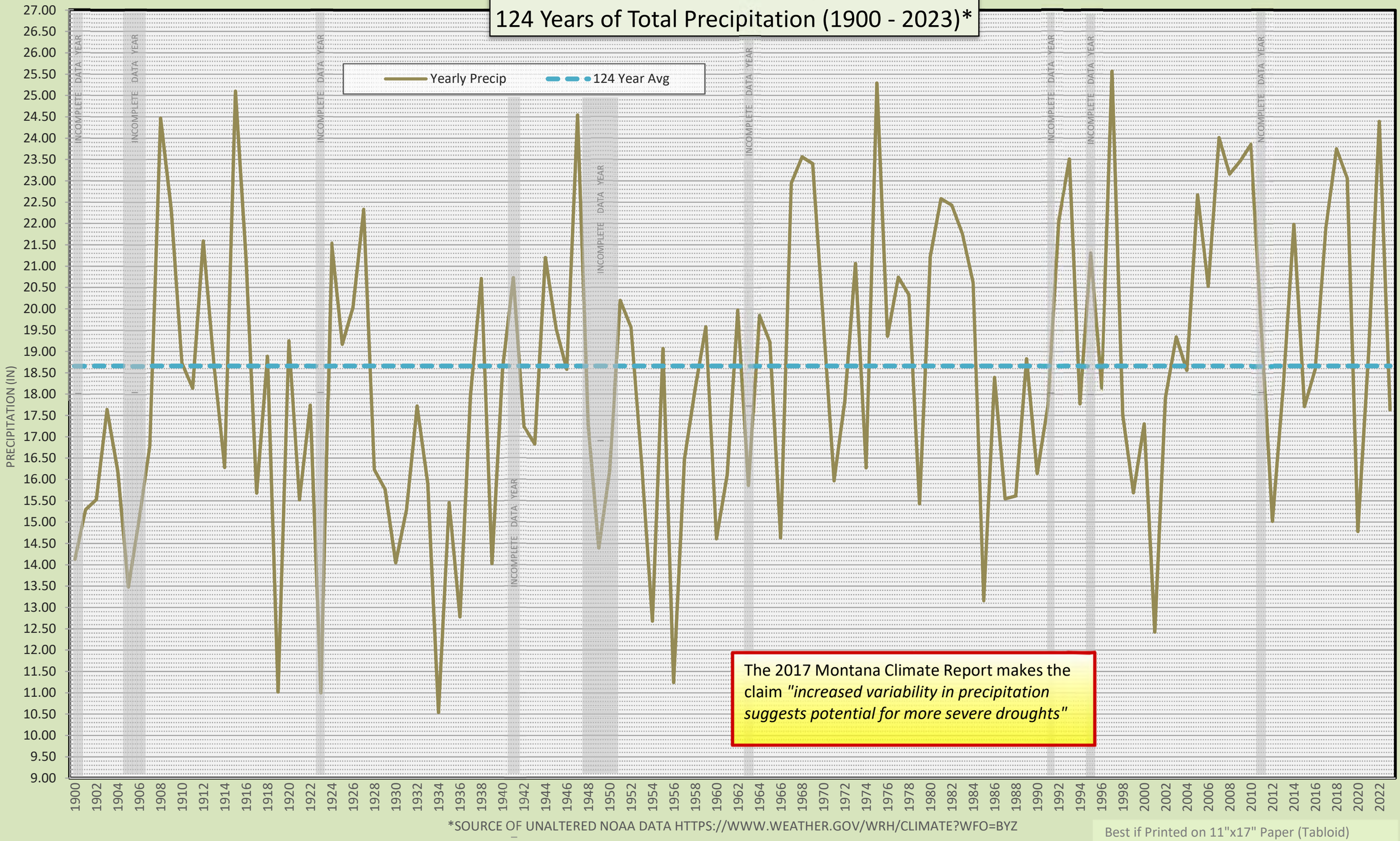
The 2017 Montana Climate Report makes the claim *"increased variability in precipitation suggests potential for more severe droughts"*

*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 2-4 Bozeman, MT

124 Years of Total Precipitation (1900 - 2023)*



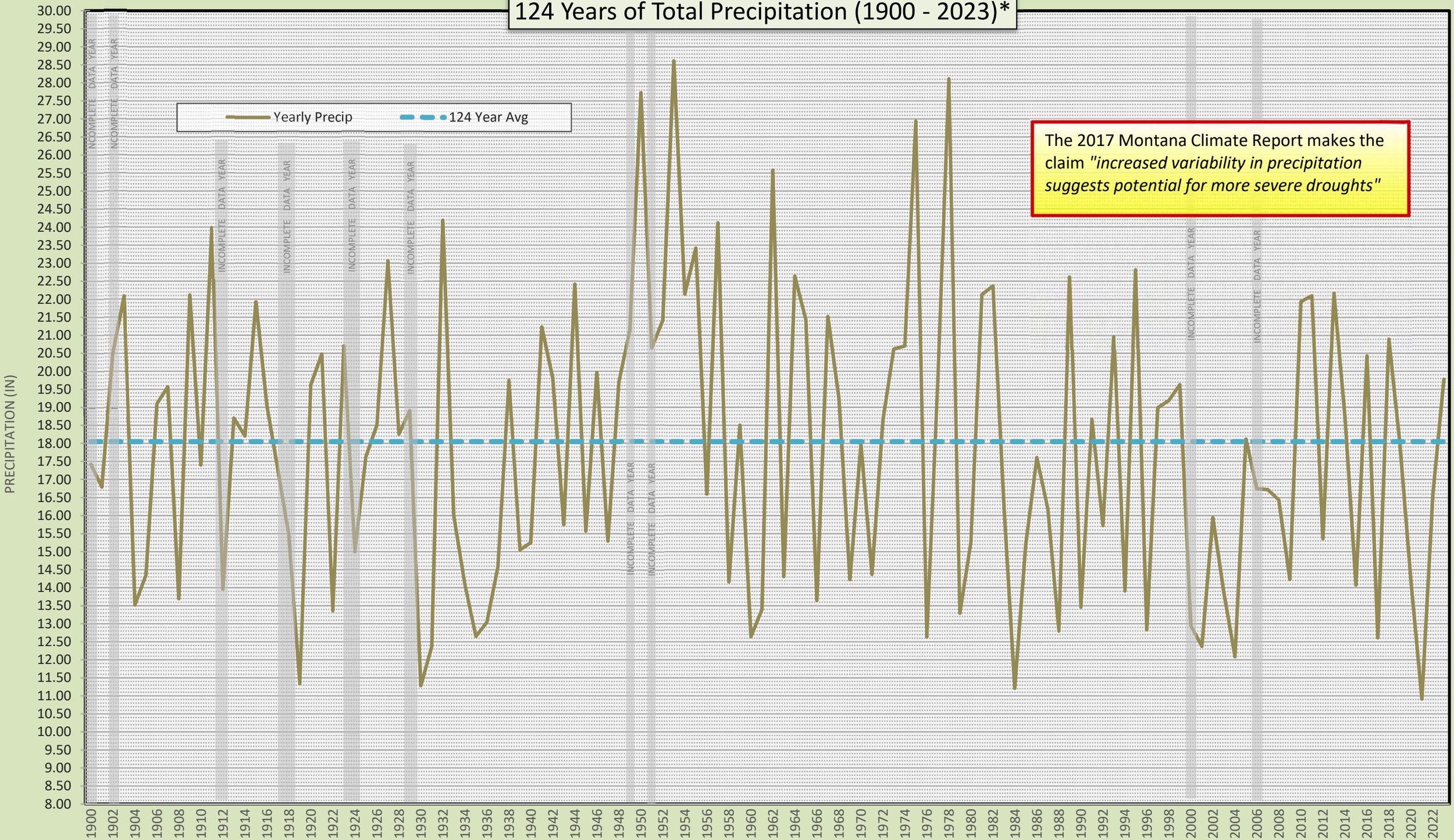
The 2017 Montana Climate Report makes the claim *"increased variability in precipitation suggests potential for more severe droughts"*

*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 2-5 Lewistown, MT

124 Years of Total Precipitation (1900 - 2023)*



The 2017 Montana Climate Report makes the claim *"increased variability in precipitation suggests potential for more severe droughts"*

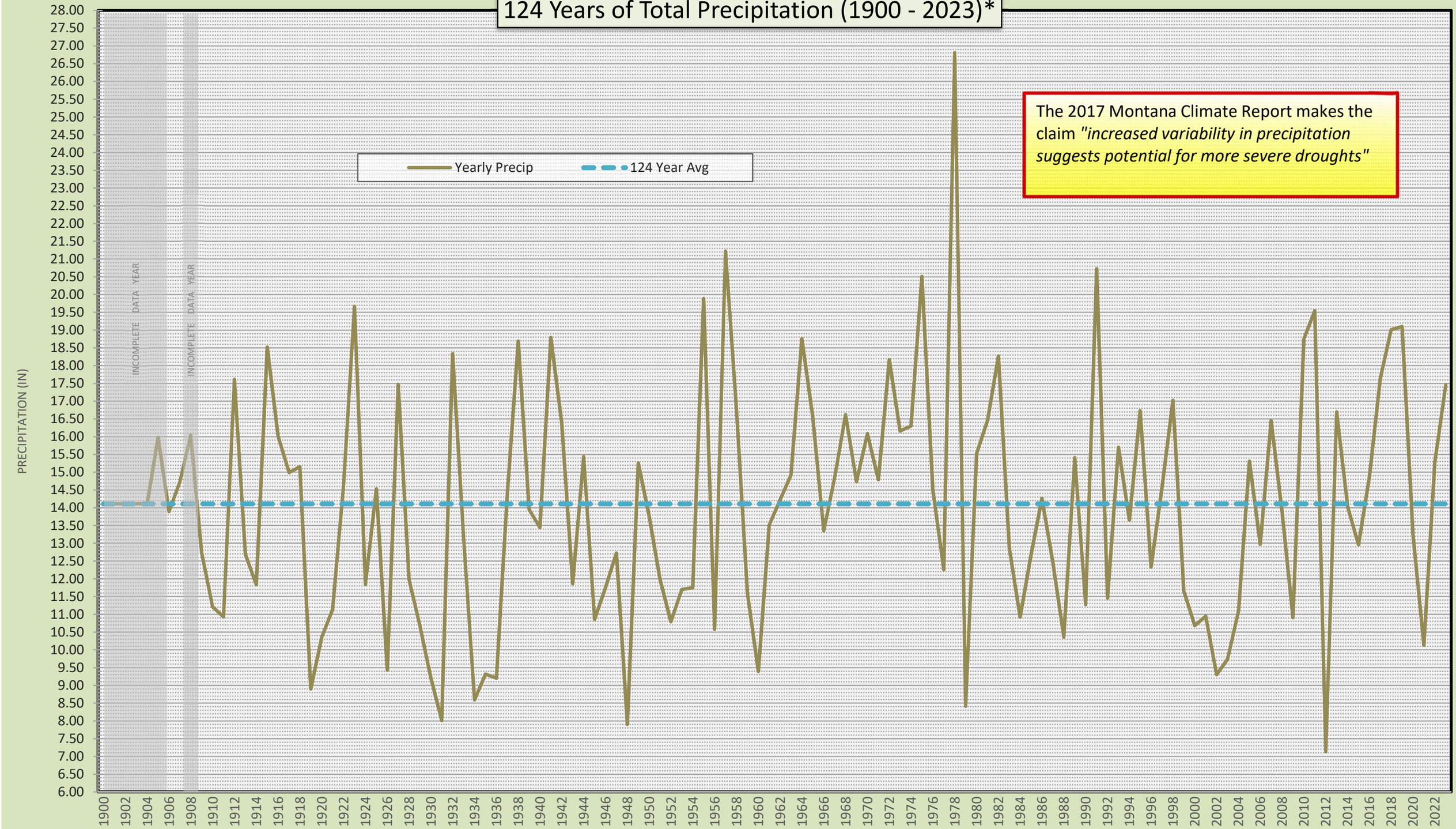
*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 2-6 Billings, MT

124 Years of Total Precipitation (1900 - 2023)*



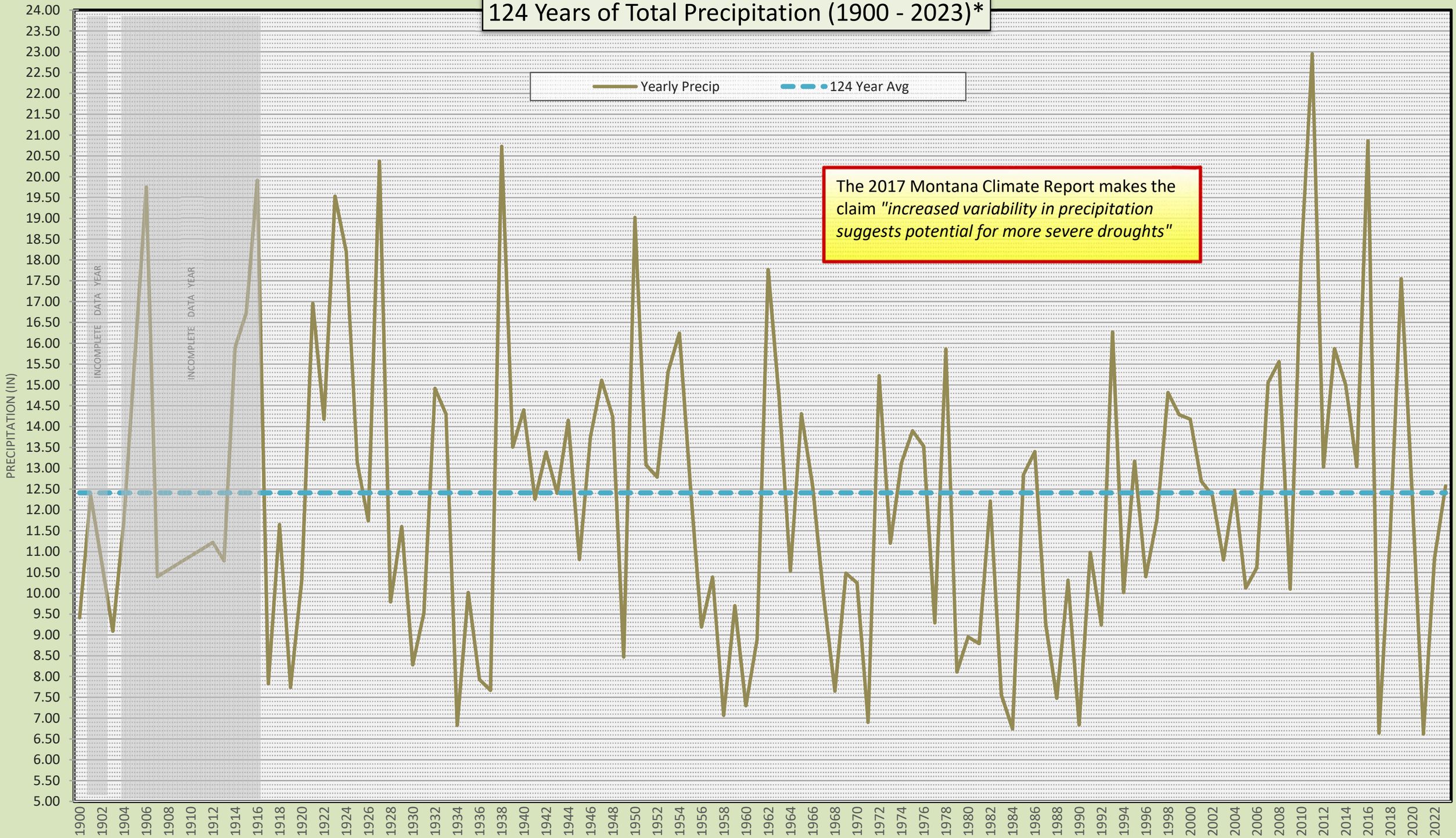
The 2017 Montana Climate Report makes the claim *"increased variability in precipitation suggests potential for more severe droughts"*

*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 2-7 Glasgow, MT

124 Years of Total Precipitation (1900 - 2023)*



The 2017 Montana Climate Report makes the claim *"increased variability in precipitation suggests potential for more severe droughts"*

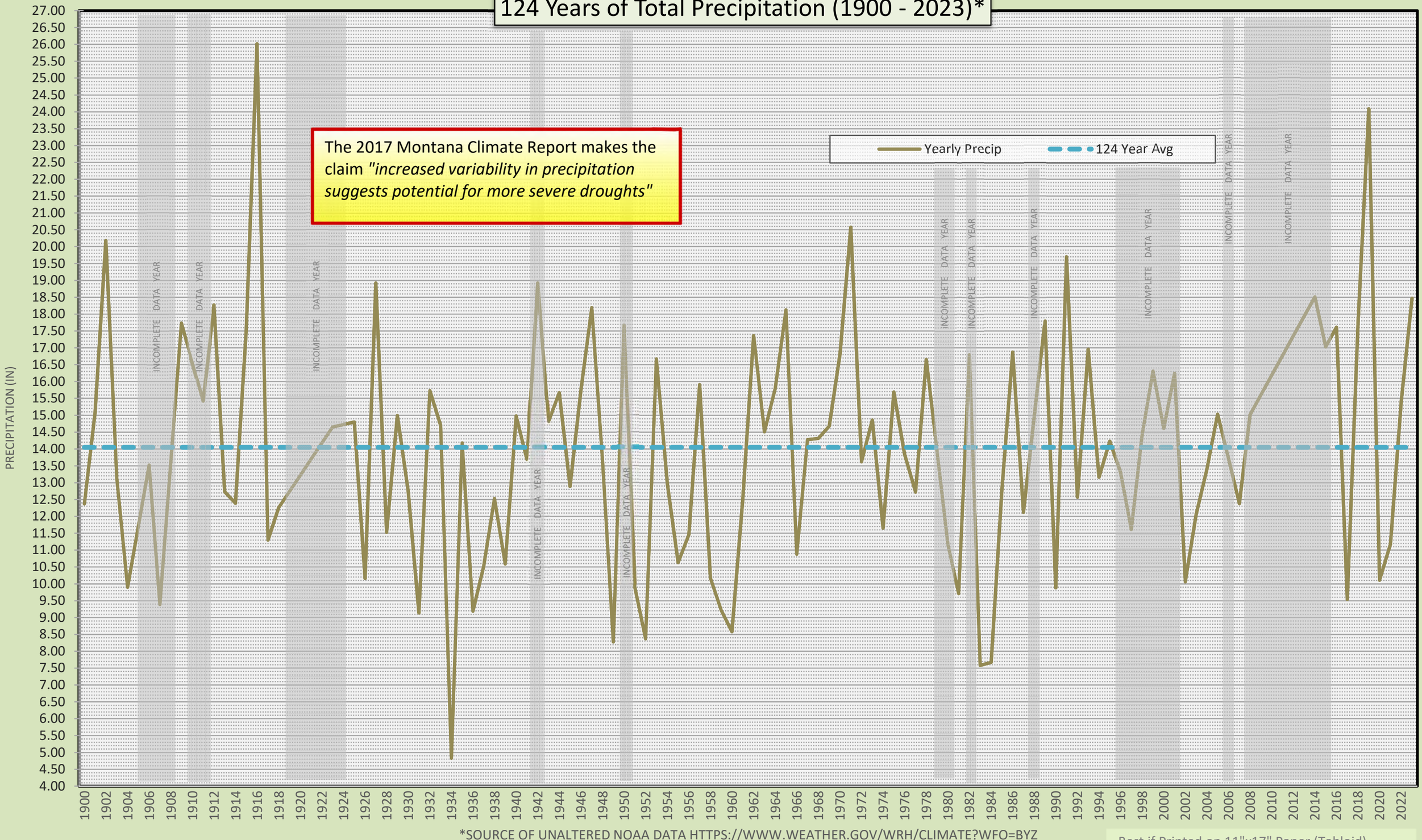
*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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Chart 2-8 Glendive MT

124 Years of Total Precipitation (1900 - 2023)*

The 2017 Montana Climate Report makes the claim *"increased variability in precipitation suggests potential for more severe droughts"*



*SOURCE OF UNALTERED NOAA DATA HTTPS://WWW.WEATHER.GOV/WRH/CLIMATE?WFO=BYZ

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ATTACHMENT 2 – TABLES
Individual City Temperatures & Precipitation (11 x 17)

TABLE 1-1----------Kalispell Temperatures
TABLE 1-1A----------Kalispell Altered Temperatures
TABLE 1-1B----------Kalispell Unaltered vs Altered
TABLE 1-2----------Butte Temperatures
TABLE 1-3----------Great Falls Temperatures
TABLE 1-4----------Bozeman Temperatures
TABLE 1-5----------Lewistown Temperatures
TABLE 1-6----------Billings Temperatures
TABLE 1-7----------Glasgow Temperatures
TABLE 1-8----------Glendive Temperatures

TABLE 2-1----------Kalispell Precipitation
TABLE 2-2----------Butte Precipitation
TABLE 2-3----------Great Falls Precipitation
TABLE 2-4----------Bozeman Precipitation
TABLE 2-5----------Lewistown Precipitation
TABLE 2-6----------Billings Precipitation
TABLE 2-7----------Glasgow Precipitation
TABLE 2-8----------Glendive Precipitation

124 Years of NOAA Temperatures in Kalispell, Montana (Table 1-1)

Unaltered Monthly Mean Avg Temperature (F) for Kalispell Glacier Airport, MT (1900-2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	30.5	23.9	39.3	48.0	52.5	61.6	63.4	58.4	51.9	43.5	29.7	31.2	44.5
1901	20.8	23.1	35.5	42.4	54.5	51.4	64.5	65.7	49.1	47.8	36.7	28.0	43.3
1902	22.0	27.2	34.5	41.2	51.6	54.4	59.9	61.5	50.8	46.2	32.4	24.8	42.2
1903	27.7	20.6	32.7	41.1	47.9	61.4	60.2	62.3	50.8	44.5	28.8	25.6	42.0
1904	27.5	25.6	29.4	45.8	51.6	56.2	65.2	64.1	55.7	45.3	38.8	30.5	44.6
1905	24.1	18.2	39.5	44.7	50.0	55.8	65.8	64.8	56.3	38.8	31.3	24.0	42.8
1906	26.3	28.2	29.8	47.3	51.0	55.4	69.0	63.7	56.0	47.2	31.8	27.1	44.4
1907	11.8	25.4	33.6	40.7	51.6	55.9	63.1	59.0	52.6	48.9	35.9	27.3	42.2
1908	24.3	26.1	33.6	45.3	49.1	56.2	66.1	61.9	55.7	43.4	34.7	25.1	43.5
1909	13.8	26.9	34.7	38.6	48.7	58.9	62.1	61.7	55.4	44.9	35.5	19.1	41.7
1910	22.5	18.2	41.0	47.8	54.7	59.5	66.6	59.1	52.3	47.0	34.9	29.5	44.4
1911	21.9	25.0	38.4	42.1	48.7	60.2	62.7	60.3	51.1	42.3	25.6	22.3	41.7
1912	20.0	27.9	28.0	45.8	52.7	61.4	60.5	59.8	48.4	41.4	35.6	27.3	42.4
1913	18.2	17.0	26.6	42.9	50.9	60.7	61.8	63.3	53.4	39.6	35.4	24.8	41.2
1914	29.4	22.3	35.4	44.7	53.1	57.3	66.7	63.1	52.6	43.3	36.5	19.0	43.6
1915	20.3	28.4	37.1	49.2	51.4	55.8	60.0	69.1	51.4	46.2	32.3	23.3	43.7
1916	4.5	24.4	35.3	43.5	47.1	55.7	62.7	61.6	53.0	40.5	28.1	14.9	39.3
1917	20.1	22.0	26.2	39.6	51.3	55.3	67.4	63.5	56.9	43.5	36.2	26.2	42.3
1918	21.9	M	36.1	42.6	48.3	62.2	64.7	60.1	56.7	47.0	32.8	28.1	Incomplete
1919	26.8	23.1	32.8	46.5	50.9	60.2	67.0	65.0	54.0	36.4	26.7	17.7	42.3
1920	24.2	25.9	31.2	39.1	48.0	55.6	69.5	63.5	54.3	42.4	32.6	27.9	42.9
1921	26.1	30.2	33.3	42.1	53.0	60.9	65.1	64.0	48.8	46.4	30.3	21.0	43.4
1922	16.9	15.4	29.9	40.1	50.1	63.7	64.7	65.8	57.8	47.6	30.1	18.3	41.7
1923	27.3	17.1	32.6	42.6	50.8	58.1	68.1	63.9	57.0	44.0	33.7	24.5	43.3
1924	17.9	32.9	34.1	42.9	55.4	56.3	65.6	61.2	53.8	44.7	31.1	14.7	42.6
1925	27.3	35.8	35.9	47.0	54.3	59.5	68.4	61.8	53.9	38.4	33.3	33.3	45.7
1926	24.6	33.9	38.6	47.3	51.9	60.6	68.6	62.5	46.3	46.3	34.9	23.5	44.9
1927	21.9	26.7	33.8	40.9	48.0	58.8	65.2	62.8	52.9	45.7	34.8	13.9	42.1
1928	23.3	24.7	36.8	40.5	56.5	56.5	65.6	60.8	55.1	43.2	34.4	22.0	43.3
1929	10.2	14.6	35.7	40.4	50.9	57.4	66.2	67.9	51.6	45.4	31.0	28.3	41.6
1930	5.4	32.3	34.0	49.4	51.3	57.5	67.5	68.0	56.9	41.3	29.7	24.5	43.2
1931	27.8	27.9	35.7	44.5	54.6	61.0	67.2	67.1	54.8	44.3	27.2	25.6	44.8
1932	19.7	25.7	28.6	44.1	52.7	61.2	65.8	65.2	54.8	42.3	37.4	20.8	43.2
1933	26.4	18.9	35.5	42.4	48.9	61.9	66.6	64.5	52.2	45.6	37.2	31.3	44.3
1934	33.5	32.8	39.9	51.4	57.2	M	67.0	66.0	51.1	46.2	39.0	27.3	Incomplete
1935	21.7	27.8	31.9	38.2	50.9	57.5	65.3	62.1	57.5	43.0	28.0	28.8	42.7
1936	25.0	4.9	32.5	44.7	58.9	61.4	70.8	66.5	54.3	45.2	25.1	26.7	43.0
1937	1.1	21.8	33.8	42.4	53.3	59.0	68.0	62.0	58.1	47.4	35.4	27.2	42.5
1938	25.2	23.2	34.3	45.5	51.5	61.4	68.0	64.4	62.4	46.1	30.4	27.5	45.0
1939	30.1	21.3	34.9	46.5	54.7	54.8	67.3	66.0	56.2	46.4	35.3	31.4	45.4
1940	20.4	30.2	40.2	44.9	56.0	63.0	68.2	66.7	60.8	48.1	25.3	29.1	46.1
1941	24.4	28.8	39.8	47.5	53.3	60.8	69.3	64.4	50.5	43.2	36.2	28.5	45.6
1942	17.4	22.7	35.2	45.7	50.4	54.7	65.5	64.7	56.1	45.5	29.6	28.3	43.0
1943	12.9	26.3	25.3	47.7	48.8	54.0	64.8	63.5	56.5	46.2	33.5	25.7	42.1
1944	25.8	27.3	30.9	45.3	53.7	59.0	65.7	62.2	56.5	49.2	33.5	23.5	44.4
1945	29.2	30.0	33.9	39.6	52.1	56.8	67.6	66.5	52.0	46.7	32.6	26.1	44.4
1946	27.1	29.9	38.4	45.5	52.0	58.0	67.0	64.1	53.8	39.5	27.5	24.0	43.9
1947	21.5	27.0	34.6	45.6	55.0	55.7	67.8	62.4	54.4	47.1	31.2	26.9	44.1
1948	25.2	24.2	28.6	42.0	52.6	61.8	61.9	62.3	54.8	43.1	33.1	19.3	42.4
1949	M	M	M	M	M	57.5	63.8	65.2	55.1	40.0	38.2	24.1	Incomplete
1950	3.9	25.7	30.4	41.0	49.1	57.5	64.4	63.7	54.8	44.7	30.8	29.1	41.3
1951	18.9	27.8	27.6	42.2	50.8	54.5	65.1	61.3	52.0	41.0	31.5	16.0	40.7
1952	18.7	27.9	31.1	46.5	53.5	57.8	62.4	63.4	56.7	46.1	30.8	27.5	43.5
1953	34.5	32.2	36.9	41.0	50.0	56.1	64.5	63.8	56.5	45.6	36.6	30.6	45.7
1954	21.1	30.4	29.6	39.6	52.5	54.7	63.6	60.7	52.9	40.8	37.9	28.1	42.7
1955	24.2	20.9	23.4	39.6	46.7	59.3	63.5	63.4	53.1	43.9	22.7	20.8	40.1
1956	22.1	20.0	30.8	43.5	54.4	57.3	65.9	62.1	54.8	43.7	29.6	27.9	42.7
1957	9.6	21.6	32.6	43.2	56.4	59.0	64.5	63.0	55.4	40.7	31.2	31.1	42.4
1958	28.0	29.2	33.6	43.2	60.3	61.5	65.2	68.2	54.4	43.6	30.8	26.9	45.4
1959	22.7	22.6	34.3	43.5	47.5	59.2	64.7	59.9	52.9	42.4	22.0	24.1	41.3
1960	14.3	19.2	27.2	43.0	50.1	58.0	69.8	61.0	54.6	43.4	31.3	21.5	41.1
1961	23.9	35.4	36.6	40.5	52.4	64.2	68.9	69.1	49.1	40.0	26.5	20.7	43.9
1962	16.9	25.6	29.7	45.8	50.7	57.7	62.8	62.0	53.9	43.0	36.1	31.2	42.9
1963	10.4	31.6	37.2	43.2	50.2	58.7	63.0	65.2	58.8	45.7	34.0	22.0	43.3
1964	24.5	23.9	27.9	40.6	49.7	56.8	64.0	58.4	50.1	42.2	31.0	18.0	40.6
1965	25.9	24.2	24.5	43.5	48.1	56.0	64.5	63.3	45.1	45.3	34.2	26.0	41.7
1966	24.3	23.9	32.5	41.7	53.0	54.8	64.4	61.5	59.3	41.1	30.7	27.2	42.9
1967	28.8	30.3	30.7	39.2	50.3	58.7	65.7	67.7	59.5	44.5	32.3	23.7	44.3
1968	20.4	31.9	39.1	40.2	49.8	58.0	65.5	61.8	53.0	41.0	31.4	17.8	42.5
1969	11.3	20.2	27.0	46.2	53.8	57.9	62.0	62.9	55.7	39.8	33.2	26.1	41.3
1970	19.1	27.1	30.5	40.0	52.1	62.4	66.1	64.2	48.9	39.1	30.6	23.6	42.0
1971	21.7	28.8	32.9	43.6	53.7	54.8	63.1	68.8	49.1	40.0	33.1	18.3	42.3
1972	13.9	26.2	38.4	40.0	52.8	59.6	62.5	67.5	51.0	39.3	32.8	18.3	41.9
1973	19.4	27.0	39.2	42.5	52.4	58.8	67.1	65.7	54.7	43.8	28.9	29.0	44.0
1974	20.2	31.6	33.6	44.8	48.3	63.4	65.9	63.2	53.8	42.8	34.3	29.0	44.2
1975	18.2	19.2	28.0	38.9	50.0	56.2	69.9	61.5	54.5	43.6	30.1	27.3	41.5
1976	24.0	29.0	31.6	44.8	53.4	56.2	64.6	62.8	56.7	41.4	31.3	27.2	43.6
1977	19.4	30.9	34.7	46.4	50.4	61.5	63.5	63.5	52.2	42.0	28.7	19.4	42.7
1978	19.7	25.5	34.6	44.0	48.8	59.5	64.5	61.5	54.0	42.7	25.9	14.1	41.2
1979	-0.2	23.1	33.7	42.7	51.7	60.3	67.7	67.3	58.5	45.5	29.0	32.2	42.6
1980	12.1	27.4	32.8	48.0	55.4	57.5	63.8	59.4	55.5	43.9	33.2	28.5	43.1
1981	29.7	30.5	38.8	45.0	52.6	53.8	63.0	67.9	55.3	40.2	32.6	21.5	44.2
1982	17.0	21.1	35.7	38.2	48.8	60.4	61.5	63.1	53.3	40.9	28.5	23.3	41.0
1983	29.6	32.8	37.9	42.3	51.4	57.3	61.1	66.3	50.5	42.8	33.9	7.9	42.8
1984	25.7	31.7	37.8	42.8	48.6	56.6	65.4	65.6	50.5	38.5	32.0	16.2	42.6
1985	17.6	15.4	28.0	44.7	54.3	57.1	68.5	59.4	47.9	40.4	16.8	18.2	39.0
1986	24.8	23.8	40.3	43.6	54.2	64.3	60.2	67.8	51.2	43.4	29.4	24.9	44.0
1987	20.9	28.3	36.0	48.6	54.7	62.1	64.0	60.7	56.5	43.1	35.3	22.9	44.4
1988	19.5	30.5	37.9	47.6	51.8	62.5	64.9	64.2	54.3	48.5	35.5	24.0	45.1
1989	26.6	13.8	31.0	44.6	50.7	60.5	67.4	61.9	53.3	42.7	35.7	26.7	42.9
1990	29.4	25.9	36.4	45.1	50.0	57.7	66.7	65.8	59.8	41.1	35.1	15.6	44.1
1991	16.4	33.3	33.0	42.6	50.3	54.7	63.8	66.0	54.8	39.8	29.6	29.4	42.8
1992	28.4	34.3	41.0	45.6	54.2	62.8	61.9	62.6	51.8	45.6	32.8	18.1	44.9
1993	15.4	19.2	35.4	44.2	57.9	56.9	57.4	60.3	52.4	44.2	25.8	27.6	41.4
1994	31.9	20.9	36.9	45.4	52.6	56.3	66.5	66.3	55.6	41.3	28.9	24.8	43.9
1995	23.5	31.7	33.3	41.8	51.9	56.3	62.6	58.5	54.5	40.2	33.3	25.7	42.8
1996	16.5	24.3	29.4	43.4	46.9	58.4	64.5	62.4	51.5	41.2	26.9	18.6	40.3
1997	18.6	26.0	31.2	38.4	52.4	57.3	62.3	64.1	55.6	43.2	31.7	26.7	42.3
1998	24.8	32.4	35.0	45.1	54.6	56.8	68.1	65.2	59.3	41.5	36.3	25.7	45.4
1999	29.3	32.1	37.4	42.1	48.7	55.8	61.3	66.0	51.4	42.4	37.4	29.9	44.5
2000	24.2	27.1	37.2	43.9	50.5	57.1	63.9	63.5	51.8	42.0	26.8	19.3	42.3
2001	23.6	19.6	34.6	41.4	52.9	55.3	62.3	65.0	58.5	41.2	35.2	25.4	42.9
2002	26.3	25.2	25.2	42.3	48.1	58.1	67.6	61.2	54.7	36.9	35.4	29.6	42.5
2003	27.5	28.3	34.8	44.5	51.1	60.3	68.6	67.5	56.4	44.6	26.7	21.5	44.3
2004	20.9	27.4	37.9	45.2	50.6	58.2	66.5	65.3	52.6	42.9	32.9	29.1	44.1
2005	21.2	30.9	36.5	42.9	51.8	55.6	64.0	61.9	52.6	42.9	31.8	17.8	42.5
2006	32.2	24.3	35.7	44.4	52.7	60.6	68.0	62.4	54.5	41.9	31.4	22.7	44.2
2007	21.1	28.0	38.6	43.4	51.9	58.7	71.9	64.0	54.8	44.8	33.7	26.2	44.8
2008	19.5	30.9	35.2	39.6	52.4	57.2	65.1	64.7	54.9	43.8	38.7	18.7	43.4
2009	23.7	26.8	30.9	45.2	53.7	57.6	65.6	64.4	57.7	37.2	33.9	19.0	43.0
2010	25.6	31.9	38.5	42.8	48.3	57.6	63.2	62.1	54.1	44.5	28.6	22.7	43.3
2011	23.7	21.0	35.4	39.5	50.2	55.2	62.7	65.0	57.3	43.4	30.8	26.9	42.6
2012	26.6	28.7	37.2	45.8	48.8	57.2	67.1	64.2	55.8	42.3	34.9	28.2	44.7
2013	24.0	32.1	36.0	40.6	53.1	59.2	68.1	67.0	58.0	39.2	31.1	20.7	44.1
2014	26.1	18.5	34.0	42.7	52.0	56.2	68.5	65.4	55.1	47.4	28.3	25.0	43.3
2015	22.8	31.9	39.1	43.7	53.8	65.0	65.3	65.0	53.7	47.0	31.3	26.3	45.4
2016	26.5	33.5	38.0	49.3	53.4	60.3	64.0	64.2	53.4	43.3	38.0	16.9	45.1
2017	13.5	22.9	36.4	42.0	53.4	60.1	68.7	65.7	55.1	40.8	33.4	21.5	42.8
2018	27.7	19.6	32.5	41.5	57.4	57.7	66.0	63.4	53.1	41.1	32.1	27.5	43.3
2019	26.0	12.9	26.6	43.1	53.4	59.1	63.8	64.7	55.7	36.9	30.1	31.1	41.9
2020	29.5	30.1	34.5	41.5	52.0	58.6	63.8	64.6	56.2	40.0	33.8	28.4	44.4
2021	29.9	20.9	38.2	43.4	50.7	63.9	71.5	64.9	55.6	44.0	36.9	22.6	45.2
2022	22.9	25.9	37.3	36.5	48.0	57.6	67.7	67.5	57.6	47.2	23.7	17.3	42.4
2023	24.5	23.5	30.0	41.7	58.6	61.7	68.0	66.8	56.2	43.1	31.5	29.4	43.7
1900-2023	**22.0**	**25.8**	**33.9**	**43.4**	**51.9**	**58.4**	**65.3**	**63.8**	**54.2**	**43.2**	**32.0**	**24.3**	**43.2**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg	
1999-2023	24.8	26.2	35.1	42.8	51.9	58.6	66.1	64.7	55.1	42.4	32.3	24.1	43.7	Last 25 yrs
2014-2023	24.9	24.0	34.7	42.5	53.3	60.0	66.7	65.2	55.2	43.1	31.9	24.6	43.8	Last 10 yrs
2019-2023	***26.6***	***22.7***	***33.3***	***41.2***	***52.5***	***60.2***	***67.0***	***65.7***	***56.3***	***42.2***	***31.2***	***25.8***	***43.7***	***Last 5 Yrs***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column
Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Census Kalispell 2,526

1900's: **43.1**

Avg Temps for each Decade in Kalispell

1910 Census Kalispell 5,549

June 6, 1912 Mt Novarupta, Alaska

1910's: **42.3**

1920 Census Kalispell 5,147

1920's: **43.2**

1930 Census Kalispell 6,094

1930's: **43.8**

1940 Census Kalispell 8,245
1940 Hottest year recorded in Kalispell

1940's: **44.0**

2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment on the third lowest 2 year trend in 124 years.

1950's: **42.6**
1950 Census Kalispell 9,737

1960 Census Kalispell 10,151
1961-62 Peak of Nuclear Weapons Testing

1960's: **42.5**

1970 Census Kalispell 10,526

1970's: **42.6**

May 18, 1980 - Mt Saint Helens, WA
1980 Census Kalispell 10,648

1980's: **42.9**
1986 Coldest year recorded in Kalispell

1990 Census Kalispell 11,917
June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's: **43.2**

2000 Census Kalispell 14,223

2000's: **43.4**

2010 Census Kalispell 19,927

2017 Montana Climate Report ends on the second highest 2 year trend in 124 years.

2010's: **43.7**
2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100

2020 Census Kalispell 24,558
2023 Held vs. MT Court Decision

124 Yr Avg

Kalispell is trending only 0.5° (F) above its 124 year average.

NOAA's Recently Altered Temperatures for Kalispell (climate studies use this) - (Table 1-1A)

NOAA's Recently Altered Monthly Mean Avg Temperature (F) for Kalispell, MT (1900-2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	27.4	21.5	37.1	46.0	50.7	59.9	61.7	56.3	49.9	41.1	26.1	28.7	42.2
1901	17.7	20.7	33.3	40.4	52.8	49.7	62.8	63.6	47.0	45.4	33.6	25.5	41.0
1902	19.0	24.7	32.3	39.2	49.8	52.7	58.2	59.5	48.8	43.8	29.3	22.4	40.0
1903	24.6	18.1	30.5	39.1	46.2	59.8	58.5	60.3	48.8	42.1	25.7	23.2	39.7
1904	24.4	23.2	27.2	43.8	49.9	54.5	63.5	61.9	53.7	42.9	35.7	28.1	42.4
1905	21.1	15.8	37.3	42.7	48.2	54.1	64.1	62.8	54.2	36.4	28.2	21.6	40.5
1906	23.2	25.8	27.7	45.3	49.3	53.7	67.3	61.6	54.0	44.7	28.7	24.7	42.2
1907	8.8	23.0	31.4	38.7	49.9	54.2	61.4	56.9	50.6	46.4	32.8	24.9	39.9
1908	21.3	23.7	31.5	43.3	47.4	54.5	64.4	59.8	53.7	40.9	31.6	22.7	41.2
1909	10.7	24.4	32.5	36.6	47.0	57.2	60.4	59.7	53.3	42.5	32.5	16.7	39.5
1910	19.4	15.8	38.9	45.8	53.0	57.8	64.9	57.1	50.3	44.6	31.8	27.1	42.2
1911	18.8	22.6	36.2	40.1	47.0	58.5	61.0	58.3	49.0	39.9	22.6	19.8	39.5
1912	16.9	25.4	25.8	43.8	51.0	59.7	58.8	57.8	46.3	39.0	32.5	24.8	40.2
1913	15.1	14.6	24.4	40.9	49.2	59.0	60.1	61.3	51.4	37.1	32.3	22.3	39.0
1914	26.2	19.9	33.2	42.7	51.3	55.6	65.0	61.1	50.6	40.9	33.4	16.6	41.4
1915	17.2	26.0	34.9	47.2	49.6	54.1	58.3	67.0	49.4	43.8	29.2	20.9	41.5
1916	1.4	22.0	33.2	41.5	45.4	54.0	61.0	59.6	51.0	38.1	25.0	12.5	37.1
1917	17.1	19.6	24.1	37.6	49.6	53.6	65.7	61.5	54.8	M	33.8	24.4	Incomplete
1918	19.5	M	34.6	41.3	47.2	61.2	63.7	58.7	55.4	45.2	30.4	26.3	Incomplete
1919	24.4	21.4	31.3	45.1	49.8	59.2	65.9	63.6	52.7	34.7	24.3	15.9	40.7
1920	21.8	24.2	29.7	37.8	47.0	54.6	68.5	62.2	52.9	40.7	30.2	26.1	41.3
1921	23.2	27.9	31.3	40.2	51.4	59.3	63.5	62.0	46.9	44.2	27.3	18.7	41.3
1922	14.0	13.1	27.9	38.2	48.5	62.2	63.1	63.9	55.9	45.3	27.1	16.0	39.6
1923	24.4	14.8	30.6	40.7	49.2	56.6	66.5	62.0	55.1	41.8	30.8	22.2	41.2
1924	14.9	30.6	32.0	41.0	53.8	54.8	64.0	59.3	51.9	42.4	28.1	12.3	40.4
1925	24.3	33.5	33.8	45.1	52.7	57.9	66.7	59.9	52.0	36.1	30.3	31.0	43.6
1926	21.7	31.6	36.5	45.4	50.3	59.0	67.0	60.5	44.4	44.0	31.9	21.1	42.8
1927	18.4	24.4	31.7	39.0	46.4	57.3	63.6	60.9	51.0	43.4	31.8	11.5	40.0
1928	20.3	22.4	34.7	38.6	55.0	54.9	64.0	58.8	53.2	40.9	31.4	19.7	41.2
1929	7.3	12.3	33.7	38.6	49.3	55.8	64.6	66.0	49.7	43.2	28.0	26.0	39.5
1930	2.4	30.1	32.0	47.5	49.7	56.0	65.9	66.0	55.0	39.0	26.7	22.1	41.0
1931	24.8	25.6	33.7	42.6	53.0	59.4	65.6	65.1	52.9	42.0	24.3	23.3	42.7
1932	16.8	23.4	26.6	42.2	51.1	59.6	64.2	63.3	52.9	40.0	34.4	18.5	41.1
1933	23.5	16.6	33.4	40.5	47.3	60.3	65.1	62.6	50.3	43.3	34.3	29.0	42.2
1934	30.5	30.5	37.8	49.6	55.6	M	65.4	64.1	49.3	44.0	36.0	25.0	Incomplete
1935	18.7	25.5	29.9	36.3	49.3	55.9	63.7	60.2	55.6	40.7	25.1	26.4	40.6
1936	22.1	3.4	30.5	42.8	57.3	59.8	69.2	64.6	52.4	42.9	M	24.4	Incomplete
1937	-1.9	19.5	31.7	40.5	51.7	57.4	66.4	60.1	56.2	45.1	32.4	24.9	40.3
1938	22.3	21.0	32.3	43.6	49.9	59.8	66.4	62.5	60.5	43.8	27.5	25.2	42.9
1939	27.2	19.0	32.9	44.7	53.0	53.2	65.7	64.0	54.3	44.1	32.4	29.1	43.3
1940	17.4	27.9	38.1	43.1	54.3	61.4	66.6	64.8	58.9	46.0	22.4	26.8	44.0
1941	21.5	26.5	37.8	45.6	51.7	59.2	67.7	62.4	48.6	40.9	33.2	26.2	43.4
1942	14.5	20.4	33.2	43.9	48.8	53.2	64.0	62.8	54.2	43.2	26.6	25.9	40.9
1943	10.0	24.0	23.3	45.8	47.2	52.4	63.2	61.6	54.6	43.9	30.5	23.4	40.0
1944	22.9	25.0	28.8	43.4	52.0	57.4	64.1	60.3	54.6	46.9	30.5	21.2	42.3
1945	26.2	27.7	31.9	37.7	50.5	55.3	66.0	64.6	50.1	44.4	29.6	23.8	42.3
1946	24.2	27.6	36.3	43.6	50.4	56.4	65.5	62.2	51.9	37.2	24.5	21.7	41.8
1947	18.5	24.7	32.6	43.7	53.4	54.1	66.2	60.5	52.5	44.8	28.3	24.6	42.0
1948	22.2	M	26.5	40.1	51.0	60.2	60.3	60.4	52.9	40.8	30.1	17.0	Incomplete
1949	M	M	M	M	M	56.7	63.0	64.1	54.0	38.6	36.1	22.6	Incomplete
1950	1.8	24.2	29.2	39.9	48.3	56.7	63.6	62.5	53.7	43.2	28.6	27.6	39.9
1951	16.8	26.3	26.3	41.1	50.0	53.7	64.3	60.2	50.9	39.5	29.4	14.5	39.4
1952	16.6	26.4	29.9	45.4	52.7	57.1	61.6	62.3	55.6	44.6	28.6	25.9	42.2
1953	32.4	30.7	35.7	39.9	49.2	55.3	63.8	62.6	55.4	44.2	34.5	29.1	44.4
1954	18.9	28.9	28.3	38.5	51.7	53.9	62.8	59.6	51.7	39.3	35.7	26.6	41.3
1955	22.1	19.4	22.2	38.5	45.9	58.6	62.7	62.2	52.0	42.4	20.6	19.3	38.8
1956	20.0	18.5	29.5	42.4	53.6	56.5	65.1	61.0	53.7	42.2	27.4	26.3	41.4
1957	7.4	20.1	31.4	42.1	55.6	58.2	63.7	61.9	54.3	39.2	29.1	29.5	41.0
1958	25.9	27.7	32.4	42.1	59.5	60.7	64.4	67.1	53.3	43.2	30.5	26.5	44.4
1959	22.3	22.2	33.9	43.1	47.0	58.8	64.3	59.5	52.5	42.0	21.7	23.8	40.9
1960	13.9	18.8	26.9	42.5	49.7	57.5	69.4	60.6	54.2	43.0	30.9	21.1	40.7
1961	23.5	35.0	36.2	40.0	52.0	63.8	68.5	68.7	48.7	39.6	26.1	20.3	43.5
1962	16.5	25.3	29.3	45.3	50.3	57.3	62.3	61.6	53.5	42.6	35.7	30.8	42.5
1963	10.0	31.2	36.8	42.8	49.8	58.2	62.6	64.8	58.4	45.3	33.6	21.6	42.9
1964	24.2	23.5	27.6	40.2	49.3	56.4	63.6	58.0	49.7	41.8	30.6	17.6	40.2
1965	25.5	23.8	24.1	43.1	47.7	55.5	64.1	62.9	44.7	44.9	33.8	25.7	41.3
1966	24.0	23.5	32.1	41.3	52.6	54.4	64.0	61.2	58.9	40.7	30.3	26.9	42.5
1967	28.4	29.9	30.3	38.8	49.9	58.3	65.4	67.3	59.1	44.1	31.9	23.3	43.9
1968	20.0	31.6	38.7	39.8	49.4	57.5	65.1	61.4	52.6	40.6	31.0	17.4	42.1
1969	10.9	19.8	26.6	45.8	53.4	57.5	61.6	63.8	55.3	39.4	32.7	25.8	41.1
1970	18.7	26.7	30.1	39.6	51.7	61.9	65.7	63.8	48.5	38.7	30.2	23.2	41.6
1971	21.3	28.4	32.5	43.2	53.3	54.4	62.7	68.4	48.7	39.5	32.7	17.9	41.9
1972	13.5	25.8	38.0	39.6	52.4	59.2	62.1	67.1	50.6	38.9	32.4	17.9	41.5
1973	19.0	26.6	38.9	42.1	52.0	58.4	66.7	65.3	54.3	43.4	28.5	28.6	43.7
1974	19.8	31.2	33.3	44.4	47.9	63.0	65.5	62.8	53.4	42.4	33.9	28.6	43.9
1975	17.8	18.8	27.6	38.4	49.6	55.7	69.5	61.1	54.1	43.2	29.7	26.9	41.0
1976	23.6	28.6	31.2	44.4	53.0	55.8	64.2	62.4	56.3	41.0	30.9	26.8	43.2
1977	19.0	30.5	34.3	46.0	50.0	61.1	63.1	63.1	51.8	41.6	28.3	19.0	42.3
1978	19.3	25.1	34.2	43.5	48.4	59.1	64.1	61.1	53.5	42.3	25.5	13.7	40.8
1979	-0.6	22.7	33.2	42.3	51.3	59.9	67.3	66.9	58.1	45.1	28.6	31.8	42.2
1980	11.7	27.0	32.4	47.6	55.0	57.1	63.4	59.0	55.1	43.5	32.8	28.1	42.7
1981	29.3	30.1	38.4	44.6	52.1	53.3	62.6	67.5	54.8	39.8	32.2	21.1	43.8
1982	16.6	20.7	35.3	37.8	48.4	60.0	61.1	62.7	52.9	40.4	28.1	22.9	40.6
1983	29.2	32.5	37.5	41.9	51.0	56.9	60.7	65.9	50.1	42.4	33.5	7.5	42.4
1984	25.3	31.3	37.4	42.4	48.2	56.2	65.0	65.2	50.1	38.1	31.6	15.8	42.2
1985	17.2	15.0	27.6	44.2	53.9	56.7	68.1	59.0	47.5	40.0	16.4	17.8	38.6
1986	24.4	23.4	39.9	43.2	53.8	63.9	59.8	67.4	50.8	43.0	29.0	24.5	43.6
1987	20.5	27.8	35.7	48.2	54.3	61.7	63.6	60.3	56.1	42.7	34.9	22.5	44.0
1988	19.1	30.1	37.5	47.2	51.4	62.1	64.5	63.8	53.9	48.1	35.1	23.6	44.7
1989	26.2	13.4	30.7	44.2	50.3	60.1	67.0	61.5	52.9	42.3	35.3	26.3	42.5
1990	29.0	25.5	36.0	44.7	49.6	57.3	66.3	65.4	59.4	40.7	34.7	15.2	43.7
1991	16.0	32.8	32.6	42.2	49.9	54.3	63.4	65.6	54.4	39.5	29.2	29.0	42.4
1992	28.0	33.9	40.6	45.2	53.8	62.4	61.5	62.2	51.4	45.2	32.5	17.7	44.5
1993	15.0	18.8	35.0	43.8	57.5	56.5	56.9	59.9	52.0	43.8	25.4	27.2	41.0
1994	31.6	20.9	36.9	45.4	52.6	56.3	66.5	66.3	55.6	41.3	28.9	24.9	43.9
1995	23.5	31.7	33.3	41.8	52.0	56.4	62.6	58.5	54.5	40.2	33.3	25.8	42.8
1996	16.6	24.4	29.4	43.4	47.0	58.5	64.6	62.4	51.5	41.3	26.9	18.7	40.4
1997	18.7	26.0	31.3	38.4	52.4	57.4	62.8	63.6	55.1	42.7	31.2	26.3	42.2
1998	24.4	32.0	34.5	44.6	54.1	56.4	67.6	64.8	58.8	41.1	35.9	25.3	45.0
1999	28.8	31.7	36.9	41.6	48.2	55.3	60.8	65.6	51.5	42.0	37.3	29.5	44.1
2000	25.1	27.4	36.1	43.4	50.1	57.0	64.1	63.4	51.4	41.5	27.0	19.3	42.2
2001	23.7	22.3	35.2	40.4	53.1	55.7	62.3	64.9	58.5	41.2	35.2	25.4	43.2
2002	26.3	25.1	25.2	42.2	48.1	58.1	67.6	61.1	54.6	36.8	34.8	29.6	42.5
2003	27.5	28.2	34.8	44.4	51.1	60.2	68.5	67.4	56.4	44.6	26.7	21.5	44.3
2004	20.9	27.4	37.9	45.2	50.6	58.2	66.4	65.3	52.5	42.8	32.8	29.1	44.1
2005	21.2	30.8	36.5	42.8	51.8	55.6	64.0	61.9	52.6	42.8	31.7	17.8	42.5
2006	32.2	24.3	35.7	44.4	52.7	60.6	68.0	62.3	54.5	41.9	31.4	22.7	44.2
2007	21.0	27.9	38.6	43.4	51.9	58.7	71.8	62.8	52.9	42.3	31.6	24.5	44.0
2008	19.0	30.2	33.5	37.8	51.1	56.2	64.1	63.1	52.7	41.7	36.0	17.0	41.9
2009	22.8	26.8	29.4	42.4	51.6	57.1	65.1	63.8	57.1	36.8	33.4	18.5	42.1
2010	25.1	31.4	38.0	42.2	47.8	57.1	62.7	61.6	53.6	44.0	28.1	22.2	42.8
2011	23.3	20.5	35.0	39.0	49.7	54.7	62.2	64.5	56.8	42.9	30.3	26.4	42.1
2012	26.1	28.2	36.7	45.8	48.8	57.2	67.1	64.2	55.8	42.3	34.9	28.3	44.6
2013	24.0	32.1	36.0	40.6	53.1	59.1	68.1	67.0	58.0	39.3	31.2	20.9	44.1
2014	26.3	18.6	34.0	42.8	52.1	56.2	68.5	65.4	55.1	47.5	28.4	25.2	43.3
2015	22.9	31.9	39.2	43.8	53.8	65.0	65.3	65.0	53.7	47.1	31.4	26.5	45.5
2016	26.6	33.6	38.0	49.3	53.4	60.3	64.0	64.2	53.4	43.3	38.0	17.1	45.1
2017	13.7	23.0	36.4	42.1	53.4	60.1	68.8	65.7	55.1	40.8	33.5	21.7	42.9
2018	28.0	19.7	32.5	41.6	57.4	57.7	66.0	63.4	53.2	41.2	32.2	27.7	43.4
2019	26.2	13.0	26.7	43.2	53.5	59.1	63.8	64.7	55.7	37.0	30.2	31.2	42.0
2020	29.4	30.2	34.6	41.6	52.1	58.6	63.8	64.6	56.2	40.1	33.9	28.5	44.5
2021	30.0	21.0	38.2	43.5	50.7	63.9	71.5	64.9	55.6	44.1	37.0	22.8	45.3
2022	23.0	26.0	37.4	37.6	48.5	57.9	68.2	68.7	57.8	47.0	23.8	18.3	42.9
2023	24.3	24.5	30.2	42.6	58.9	62.0	67.6	67.0	55.7	42.8	31.4	28.6	44.6
1900-2023	**20.5**	**24.7**	**32.9**	**42.4**	**51.0**	**57.6**	**64.5**	**62.8**	**53.2**	**42.0**	**30.5**	**23.1**	**42.1**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg	
1999-2023	24.7	26.2	34.9	42.5	51.7	58.5	66.0	64.5	54.8	42.2	32.1	24.0	43.5	Last 25 yrs
2014-2023	25.0	24.2	34.7	42.8	53.4	60.1	66.8	65.4	55.2	43.1	32.0	24.8	43.9	Last 10 yrs
2019-2023	26.6	22.9	33.4	41.7	52.7	60.3	67.0	66.0	56.2	42.2	31.3	25.9	***43.8***	***Last 5 Yrs***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column

Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column

*This NOAA Altered Data is from NOAA National Centers for Environmental information, Climate at a Glance: City Time Series, from https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/city/time-series

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Census Kalispell 2,526

1900's — **40.9**

Avg Temps for each Decade in Kalispell

1910 Census Kalispell 5,549

June 6, 1912 Mt Novarupta, Alaska

1910's — **40.2**

1916 New Coldest year with altered temps

1920 Census Kalispell 5,147

1920's — **41.1**

1930 Census Kalispell 6,094

1930's — **41.8**

1940 Census Kalispell 8,245
1940 Hottest year recorded in Kalispell

1940's — **42.1**

2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment on a low temperature trend.

1950's — **41.4**
1950 Census Kalispell 9,737

1960 Census Kalispell 10,151
1961-62 Peak of Nuclear Weapons Testing

1960's — **42.1**

1970 Census Kalispell 10,526

1970's — **42.2**

May 18, 1980 - Mt Saint Helens, WA
1980 Census Kalispell 10,648

1980's — **42.5**
1986 Coldest year recorded in Kalispell

1990 Census Kalispell 11,917
June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's — **43.0**

2000 Census Kalispell 14,223

2000's — **43.1**

2010 Census Kalispell 19,927

2017 Montana Climate Report ends on the on a high temperature trend

2010's — **43.6**
2015 New Hottest year with altered temps

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100

2020 Census Kalispell 24,558
2023 Held vs. MT Court Decision

42.1 — **124 Yr Avg**

The NOAA Recently Altered Data has Kalispell trending (+1.7° F) above its 124 year average. This is (+1.2° F) more than when using Unaltered NOAA Data (+0.5° F)

Demonstration of How NOAA is Now Changing the Historical Temperatures (Table 1-1B)

Altered NOAA Avg Temperatures (F) from Table 1-1A Minus NOAA Unaltered Avg Temperatures (F)* from Table 1-1**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	-3.1	-2.4	-2.2	-2.0	-1.8	-1.7	-1.7	-2.1	-2.0	-2.4	-3.6	-2.5	-2.3
1901	-3.1	-2.4	-2.2	-2.0	-1.7	-1.7	-1.7	-2.1	-2.1	-2.4	-3.1	-2.5	-2.3
1902	-3.0	-2.5	-2.2	-2.0	-1.8	-1.7	-1.7	-2.0	-2.0	-2.4	-3.1	-2.4	-2.2
1903	-3.1	-2.5	-2.2	-2.0	-1.7	-1.6	-1.7	-2.0	-2.0	-2.4	-3.1	-2.4	-2.2
1904	-3.1	-2.4	-2.2	-2.0	-1.7	-1.7	-1.7	-2.2	-2.0	-2.4	-3.1	-2.4	-2.2
1905	-3.0	-2.4	-2.2	-2.0	-1.8	-1.7	-1.7	-2.0	-2.1	-2.4	-3.1	-2.4	-2.2
1906	-3.1	-2.4	-2.1	-2.0	-1.7	-1.7	-1.7	-2.1	-2.0	-2.5	-3.1	-2.4	-2.2
1907	-3.0	-2.4	-2.2	-2.0	-1.7	-1.7	-1.7	-2.1	-2.0	-2.5	-3.1	-2.4	-2.2
1908	-3.0	-2.4	-2.1	-2.0	-1.7	-1.7	-1.7	-2.1	-2.0	-2.5	-3.1	-2.4	-2.2
1909	-3.1	-2.5	-2.2	-2.0	-1.7	-1.7	-1.7	-2.0	-2.1	-2.4	-3.0	-2.4	-2.2
1910	-3.1	-2.4	-2.1	-2.0	-1.7	-1.7	-1.7	-2.0	-2.0	-2.4	-3.1	-2.4	-2.2
1911	-3.1	-2.4	-2.2	-2.0	-1.7	-1.7	-1.7	-2.0	-2.1	-2.4	-3.0	-2.5	-2.2
1912	-3.1	-2.5	-2.2	-2.0	-1.7	-1.7	-1.7	-2.0	-2.1	-2.4	-3.1	-2.5	-2.3
1913	-3.1	-2.4	-2.2	-2.0	-1.7	-1.7	-1.7	-2.0	-2.0	-2.5	-3.1	-2.5	-2.2
1914	-3.2	-2.4	-2.2	-2.0	-1.8	-1.7	-1.7	-2.0	-2.0	-2.4	-3.1	-2.4	-2.2
1915	-3.1	-2.4	-2.2	-2.0	-1.8	-1.7	-1.7	-2.1	-2.0	-2.4	-3.1	-2.4	-2.2
1916	-3.1	-2.4	-2.1	-2.0	-1.7	-1.7	-1.7	-2.0	-2.0	-2.4	-3.1	-2.4	-2.2
1917	-3.0	-2.4	-2.1	-2.0	-1.7	-1.7	-1.7	-2.0	-2.1	M	-2.4	-1.8	-2.1
1918	-2.4	M	-1.5	-1.3	-1.1	-1.0	-1.0	-1.4	-1.3	-1.8	-2.4	-1.8	-1.5
1919	-2.4	-1.7	-1.5	-1.4	-1.1	-1.0	-1.1	-1.4	-1.3	-1.7	-2.4	-1.8	-1.6
1920	-2.4	-1.7	-1.5	-1.3	-1.0	-1.0	-1.0	-1.3	-1.4	-1.7	-2.4	-1.8	-1.5
1921	-2.9	-2.3	-2.0	-1.9	-1.6	-1.6	-1.6	-2.0	-1.9	-2.2	-3.0	-2.3	-2.1
1922	-2.9	-2.3	-2.0	-1.9	-1.6	-1.5	-1.6	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1923	-2.9	-2.3	-2.0	-1.9	-1.6	-1.5	-1.6	-1.9	-1.9	-2.2	-2.9	-2.3	-2.1
1924	-3.0	-2.3	-2.1	-1.9	-1.6	-1.5	-1.6	-1.9	-1.9	-2.3	-3.0	-2.4	-2.1
1925	-3.0	-2.3	-2.1	-1.9	-1.6	-1.6	-1.7	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1926	-2.9	-2.3	-2.1	-1.9	-1.6	-1.6	-1.6	-2.0	-1.9	-2.3	-3.0	-2.4	-2.1
1927	-3.5	-2.3	-2.1	-1.9	-1.6	-1.5	-1.6	-1.9	-1.9	-2.3	-3.0	-2.4	-2.2
1928	-3.0	-2.3	-2.1	-1.9	-1.5	-1.6	-1.6	-2.0	-1.9	-2.3	-3.0	-2.3	-2.1
1929	-2.9	-2.3	-2.0	-1.8	-1.6	-1.6	-1.6	-1.9	-1.9	-2.2	-3.0	-2.3	-2.1
1930	-3.0	-2.2	-2.0	-1.9	-1.6	-1.5	-1.6	-2.0	-1.9	-2.3	-3.0	-2.4	-2.1
1931	-3.0	-2.3	-2.0	-1.9	-1.6	-1.6	-1.6	-2.0	-1.9	-2.3	-2.9	-2.3	-2.1
1932	-2.9	-2.3	-2.0	-1.9	-1.6	-1.6	-1.6	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1933	-2.9	-2.3	-2.1	-1.9	-1.6	-1.6	-1.5	-1.9	-1.9	-2.3	-2.9	-2.3	-2.1
1934	-3.0	-2.3	-2.1	-1.8	-1.6	M	-1.6	-1.9	-1.8	-2.2	-3.0	-2.3	-2.1
1935	-3.0	-2.3	-2.0	-1.9	-1.6	-1.6	-1.6	-1.9	-1.9	-2.3	-2.9	-2.4	-2.1
1936	-2.9	-1.5	-2.0	-1.9	-1.6	-1.6	-1.6	-1.9	-1.9	-2.3	M	-2.3	-2.0
1937	-3.0	-2.3	-2.1	-1.9	-1.6	-1.6	-1.6	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1938	-2.9	-2.2	-2.0	-1.9	-1.6	-1.6	-1.6	-1.9	-1.9	-2.3	-2.9	-2.3	-2.1
1939	-2.9	-2.3	-2.0	-1.8	-1.7	-1.6	-1.6	-2.0	-1.9	-2.3	-2.9	-2.3	-2.1
1940	-3.0	-2.3	-2.1	-1.8	-1.7	-1.6	-1.6	-1.9	-1.9	-2.1	-2.9	-2.3	-2.1
1941	-2.9	-2.3	-2.0	-1.9	-1.6	-1.6	-1.6	-2.0	-1.9	-2.3	-3.0	-2.3	-2.1
1942	-2.9	-2.3	-2.0	-1.8	-1.6	-1.5	-1.5	-1.9	-1.9	-2.3	-3.0	-2.4	-2.1
1943	-2.9	-2.3	-2.0	-1.9	-1.6	-1.6	-1.6	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1944	-2.9	-2.3	-2.1	-1.9	-1.7	-1.6	-1.6	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1945	-3.0	-2.3	-2.0	-1.9	-1.6	-1.5	-1.6	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1946	-2.9	-2.3	-2.1	-1.9	-1.6	-1.6	-1.5	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1947	-3.0	-2.3	-2.0	-1.9	-1.6	-1.6	-1.6	-1.9	-1.9	-2.3	-2.9	-2.3	-2.1
1948	-3.0	M	-2.1	-1.9	-1.6	-1.6	-1.6	-1.9	-1.9	-2.3	-3.0	-2.3	-2.1
1949	M	M	M	M	M	-0.8	-0.8	-1.1	-1.1	-1.4	-2.1	-1.5	-1.3
1950	-2.1	-1.5	-1.2	-1.1	-0.8	-0.8	-0.8	-1.2	-1.1	-1.5	-2.2	-1.5	-1.3
1951	-2.1	-1.5	-1.3	-1.1	-0.8	-0.8	-0.8	-1.1	-1.1	-1.5	-2.1	-1.5	-1.3
1952	-2.1	-1.5	-1.2	-1.1	-0.8	-0.7	-0.8	-1.1	-1.1	-1.5	-2.2	-1.6	-1.3
1953	-2.1	-1.5	-1.2	-1.1	-0.8	-0.8	-0.7	-1.2	-1.1	-1.4	-2.1	-1.5	-1.3
1954	-2.2	-1.5	-1.3	-1.1	-0.8	-0.8	-0.8	-1.1	-1.2	-1.5	-2.2	-1.5	-1.3
1955	-2.1	-1.5	-1.2	-1.1	-0.8	-0.7	-0.8	-1.2	-1.1	-1.5	-2.1	-1.5	-1.3
1956	-2.1	-1.5	-1.3	-1.1	-0.8	-0.8	-0.8	-1.1	-1.1	-1.5	-2.2	-1.6	-1.3
1957	-2.2	-1.5	-1.2	-1.1	-0.8	-0.8	-0.8	-1.1	-1.1	-1.5	-2.1	-1.6	-1.3
1958	-2.1	-1.5	-1.2	-1.1	-0.8	-0.8	-0.8	-1.1	-1.1	-0.4	-0.3	-0.4	-1.0
1959	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3	-0.4
1960	-0.4	-0.4	-0.3	-0.5	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1961	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1962	-0.4	-0.3	-0.4	-0.5	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1963	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1964	-0.3	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1965	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4
1966	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.3	-0.4
1967	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1968	-0.4	-0.3	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1969	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	0.9	-0.4	-0.4	-0.5	-0.3	-0.3
1970	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1971	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4
1972	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1973	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1974	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1975	-0.4	-0.4	-0.4	-0.5	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1976	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1977	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1978	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4
1979	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1980	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1981	-0.4	-0.4	-0.4	-0.4	-0.5	-0.5	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4
1982	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4
1983	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1984	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1985	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1986	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1987	-0.4	-0.5	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1988	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1989	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1990	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1991	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4	-0.4
1992	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.4
1993	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
1994	-0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1995	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1996	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1
1997	0.1	0.0	0.1	0.0	0.0	0.1	0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.1
1998	-0.4	-0.4	-0.5	-0.5	-0.5	-0.4	-0.5	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4
1999	-0.5	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	0.1	-0.4	-0.1	-0.4	-0.4
2000	0.9	0.3	-1.1	-0.5	-0.4	-0.1	0.2	-0.1	-0.4	-0.5	0.2	0.0	-0.1
2001	0.1	2.7	0.6	-1.0	0.2	0.4	0.0	-0.1	0.0	0.0	0.0	0.0	0.2
2002	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.6	0.0	-0.1
2003	0.0	-0.1	0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	0.0	0.0
2005	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
2007	-0.1	-0.1	0.0	0.0	0.0	0.0	-0.1	-1.2	-1.9	-2.5	-2.1	-1.7	-0.8
2008	-0.5	-0.7	-1.7	-1.8	-1.3	-1.0	-1.0	-1.6	-2.2	-2.1	-2.7	-1.7	-1.5
2009	-0.9	0.0	-1.5	-2.8	-2.1	-0.5	-0.5	-0.6	-0.6	-0.4	-0.5	-0.5	-0.9
2010	-0.5	-0.5	-0.5	-0.6	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
2011	-0.4	-0.5	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
2012	-0.5	-0.5	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.1
2013	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.0
2014	0.2	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1
2015	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1
2016	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
2017	0.2	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.1
2018	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1
2019	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
2020	-0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
2021	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1
2022	0.1	0.1	0.1	1.1	0.5	0.3	0.5	1.2	0.2	-0.2	0.1	1.0	0.4
2023	-0.2	1.0	0.2	0.9	0.3	0.3	-0.4	0.2	-0.5	-0.3	-0.1	-0.8	0.0
1900-2023	**-1.5**	**-1.1**	**-1.1**	**-1.0**	**-0.9**	**-0.8**	**-0.8**	**-1.0**	**-1.0**	**-1.2**	**-1.5**	**-1.2**	**-1.1**
	Jan	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**124 Yr Avg**

*source of unaltered Kalispell data from NOAA https://www.weather.gov/wrh/Climate?wfo=byz

**source of altered Kalispell data from NOAA National Centers for Environmental information, Climate at a Glance: City Time Series, from https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/city/time-series

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of NOAA Temperatures in Butte, Montana (Table 1-2)

Unaltered Monthly Mean Avg Temperature (F) for Butte Bert Mooney Airport, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	30.2	23.9	37.6	44.7	52.5	63.8	63.9	59.2	51.3	43.8	33.7	30.5	44.6
1901	25.5	20.6	30.2	36.5	51.4	49.3	65.7	63.0	45.8	48.3	38.2	26.5	41.8
1902	21.6	31.6	30.5	40.0	50.5	54.5	60.3	60.9	51.6	46.4	32.8	26.6	42.3
1903	27.2	20.7	30.8	38.7	45.8	59.5	60.2	63.1	50.8	47.3	32.7	28.6	42.1
1904	26.6	26.2	30.3	43.4	49.0	55.9	62.2	64.7	56.9	47.4	40.7	28.3	44.3
1905	24.4	22.4	37.0	42.0	46.0	53.9	63.9	64.0	56.4	37.0	33.3	23.9	42.0
1906	25.3	27.8	22.1	43.0	46.8	53.4	66.9	62.0	52.7	43.5	30.6	31.4	42.1
1907	14.7	32.3	34.2	38.8	47.0	52.2	61.9	59.0	54.6	49.4	36.0	26.4	42.2
1908	25.7	27.7	32.2	44.4	46.6	M	67.8	62.4	57.2	42.4	34.6	25.6	Incomplete
1909	22.9	29.3	33.6	35.3	45.5	57.5	63.4	64.9	54.3	45.6	33.8	18.0	42.0
1910	21.3	20.1	42.7	48.5	M	59.6	67.7	61.1	51.9	48.3	33.6	26.0	Incomplete
1911	25.0	19.0	37.6	37.4	46.8	59.0	63.1	60.1	50.1	38.9	26.9	22.7	40.6
1912	25.4	28.0	22.7	40.9	46.8	60.0	60.5	59.0	M	37.9	35.4	25.1	Incomplete
1913	M	16.6	27.1	41.8	48.5	58.0	61.3	64.9	54.4	38.2	34.0	22.9	Incomplete
1914	28.2	24.7	35.9	40.7	50.7	55.5	66.2	63.0	52.8	44.0	37.4	19.5	43.2
1915	23.2	29.9	35.4	48.0	46.4	51.2	58.6	67.1	49.6	45.1	27.0	21.7	41.9
1916	9.8	27.4	M	41.8	41.8	52.3	63.7	61.5	53.5	39.9	26.7	18.8	Incomplete
1917	19.2	24.4	23.1	36.1	46.7	54.9	68.6	63.7	58.3	45.0	41.1	33.4	42.9
1918	23.4	24.6	38.4	38.4	46.4	64.4	65.2	61.2	56.2	46.4	29.8	26.5	43.4
1919	29.3	24.1	34.1	44.1	52.0	63.5	69.2	66.4	56.5	34.7	27.2	19.7	43.4
1920	27.7	25.9	28.0	M	45.1	54.1	67.6	64.8	55.0	40.6	30.7	27.6	Incomplete
1921	27.5	32.1	35.5	38.5	49.7	60.9	67.0	64.7	47.6	49.5	33.1	22.7	44.1
1922	17.7	18.3	29.7	36.4	47.9	61.8	64.1	66.1	59.0	49.0	29.9	21.6	41.8
1923	25.6	21.1	30.2	39.9	48.5	56.2	68.6	63.6	57.3	41.0	36.9	23.6	42.7
1924	22.0	32.6	27.5	39.1	52.2	56.6	64.8	63.2	55.1	45.1	31.7	17.7	42.3
1925	27.6	33.7	35.2	44.3	53.0	57.3	68.0	62.3	53.5	37.6	33.2	31.8	**44.8**
1926	24.1	32.0	34.9	46.1	50.5	59.1	67.7	63.2	46.8	46.2	35.5	24.1	44.2
1927	22.9	26.7	32.9	38.7	43.3	58.6	65.8	60.1	53.2	46.6	35.4	17.3	41.8
1928	24.9	23.2	34.8	38.4	55.3	53.6	65.6	61.5	56.3	44.2	35.1	24.8	43.1
1929	15.9	19.2	33.7	36.7	48.6	56.9	66.6	67.4	48.5	45.0	M	32.1	Incomplete
1930	6.7	32.0	30.5	48.3	50.6	58.6	68.0	67.5	56.3	41.4	32.6	24.9	43.1
1931	29.1	30.7	33.5	M	M	M	M	63.1	51.4	41.8	23.1	14.8	Incomplete
1932	10.9	20.9	24.3	38.5	48.5	56.5	63.0	60.7	51.4	38.3	34.4	9.9	38.1
1933	16.6	10.1	29.6	36.6	43.0	60.1	65.8	59.6	50.6	46.4	34.2	29.6	40.2
1934	26.9	29.5	37.8	45.6	54.6	55.2	64.5	63.8	48.3	45.3	35.3	19.0	43.8
1935	17.4	23.1	26.2	33.7	43.2	53.4	63.2	59.7	52.9	38.6	23.6	20.3	37.9
1936	17.4	4.5	28.3	40.0	52.7	57.8	67.3	61.3	49.4	40.1	21.0	19.9	38.3
1937	-5.5	16.9	25.7	36.5	49.5	53.9	64.0	60.4	53.9	45.5	31.6	21.7	37.8
1938	16.4	22.1	28.9	39.1	43.9	56.1	62.2	60.3	57.3	41.5	23.9	23.0	39.6
1939	24.0	13.9	M	M	M	M	M	M	M	M	M	M	Incomplete
1940	M	M	M	M	51.5	59.1	64.8	63.2	55.5	45.0	22.0	22.5	Incomplete
1941	20.5	24.9	33.5	38.1	48.4	55.8	63.3	60.8	45.5	38.9	30.8	18.6	39.9
1942	7.3	10.3	22.8	40.6	42.9	50.8	63.4	61.3	52.9	41.1	26.7	22.6	36.9
1943	8.8	18.6	17.8	43.2	43.2	51.8	61.2	60.2	52.8	43.4	31.0	17.9	37.5
1944	15.8	19.8	24.0	39.2	47.8	52.6	60.1	58.2	51.4	46.3	25.9	15.5	38.1
1945	22.1	24.8	28.7	34.1	45.9	50.5	62.8	61.4	48.8	44.4	26.7	16.3	38.9
1946	18.0	21.1	33.6	41.6	44.7	54.2	63.6	59.8	49.3	33.9	25.3	23.7	39.1
1947	13.1	22.0	30.6	39.0	49.5	50.3	64.2	60.4	50.7	44.9	21.6	18.8	38.8
1948	16.0	16.3	19.4	38.2	47.6	56.8	58.5	59.3	50.7	41.6	26.5	9.4	36.7
1949	-1.8	13.1	22.8	42.1	49.9	53.2	61.0	62.0	51.4	35.4	38.3	18.3	37.1
1950	9.1	23.1	25.3	36.3	42.4	52.1	58.6	58.7	48.1	43.1	25.9	24.0	37.2
1951	10.0	20.5	20.5	36.8	46.8	48.6	61.8	57.9	48.7	37.9	26.6	13.5	35.8
1952	14.2	15.1	18.2	40.4	48.1	55.0	59.7	60.1	53.8	43.9	20.8	18.0	37.3
1953	29.5	23.9	30.9	34.8	42.6	52.9	63.6	60.5	54.5	43.7	34.3	23.5	41.2
1954	19.0	29.0	23.1	38.9	47.7	49.7	64.2	57.6	51.3	39.5	36.6	19.3	39.7
1955	13.9	15.4	18.3	33.7	43.8	53.5	61.2	62.3	49.9	42.4	19.1	16.0	35.8
1956	15.4	14.3	25.4	38.2	48.9	55.3	61.6	57.4	52.2	39.7	26.8	25.3	38.4
1957	5.4	22.0	29.5	35.7	49.2	54.7	62.3	60.8	51.0	39.3	25.9	25.5	38.4
1958	18.8	29.1	25.2	35.8	53.5	54.4	58.0	62.5	49.8	42.9	27.5	26.7	40.4
1959	20.7	14.0	27.8	37.2	41.5	55.8	60.6	57.3	48.0	39.6	21.5	21.8	37.2
1960	13.4	15.5	26.4	36.5	45.0	55.5	65.1	57.2	51.9	40.4	29.2	19.8	38.0
1961	23.0	31.7	30.6	35.3	47.4	60.7	64.4	65.4	44.6	38.5	24.0	16.5	40.2
1962	6.7	17.7	21.8	41.3	46.1	54.8	59.5	58.3	51.0	43.9	27.1	22.9	37.6
1963	7.4	34.4	35.2	38.6	50.0	55.0	62.5	62.8	57.9	47.3	32.1	17.4	41.7
1964	17.0	19.2	24.8	36.3	47.5	54.6	65.1	57.9	49.5	42.8	27.9	18.2	38.4
1965	23.0	23.3	20.2	40.6	43.9	54.8	62.0	59.1	41.0	44.8	34.1	19.6	38.9
1966	20.2	18.0	27.9	37.1	51.4	54.3	65.6	61.3	56.1	41.4	30.9	19.8	40.3
1967	23.0	25.0	25.0	31.8	43.8	53.2	63.7	63.7	55.7	40.9	28.2	12.9	38.9
1968	11.5	22.3	33.8	34.5	43.6	53.0	62.6	57.0	49.2	39.8	25.6	14.9	37.3
1969	13.4	14.2	20.5	41.7	50.8	53.4	61.0	62.6	53.0	35.0	31.2	20.8	38.1
1970	18.3	29.7	23.5	33.4	48.5	59.2	65.0	64.7	47.5	37.2	29.3	17.3	39.5
1971	23.1	27.1	26.6	37.9	48.2	54.3	62.2	66.8	46.9	37.3	29.0	15.0	39.5
1972	16.8	22.7	36.2	37.2	47.8	57.9	60.4	63.4	49.2	39.3	27.7	11.6	39.2
1973	13.8	15.2	29.3	35.5	47.9	55.9	64.0	62.8	50.4	41.9	27.3	24.0	39.0
1974	13.8	25.3	27.8	41.1	43.6	60.7	65.1	59.4	51.8	42.9	30.8	17.5	40.0
1975	13.4	9.4	17.8	24.9	40.1	49.1	62.5	55.2	48.7	38.5	25.4	22.8	**34.0**
1976	20.6	23.5	24.5	39.1	52.4	54.1	63.3	60.1	52.6	40.6	29.6	23.0	40.3
1977	11.5	26.3	26.4	42.8	47.8	60.2	60.8	59.7	50.5	41.6	28.4	21.4	39.8
1978	20.7	22.4	33.5	40.2	44.7	56.2	63.1	58.8	51.9	41.6	18.8	6.0	38.2
1979	-1.8	19.5	29.3	37.9	47.7	56.4	62.5	60.2	54.9	41.5	20.7	27.1	38.0
1980	9.2	22.4	25.8	42.3	48.7	54.8	63.2	58.3	53.5	41.2	29.4	31.2	40.0
1981	26.9	25.8	34.9	41.9	48.1	55.9	63.5	66.0	54.8	41.5	30.8	20.5	42.6
1982	16.2	13.8	25.1	32.0	45.0	56.0	62.5	63.5	49.7	39.6	21.6	14.3	36.6
1983	22.7	25.7	32.2	35.4	45.2	53.4	61.1	66.8	50.4	45.0	31.6	4.0	39.5
1984	23.3	25.1	31.9	35.9	47.5	53.9	64.0	64.5	47.9	37.7	26.6	10.1	39.0
1985	8.2	11.5	25.7	44.4	49.9	56.8	67.2	57.4	45.1	38.6	12.9	11.9	35.8
1986	22.7	23.0	38.2	38.7	47.5	60.0	57.7	62.2	46.6	41.3	24.8	17.9	40.1
1987	16.9	26.6	31.9	44.7	50.3	58.0	59.7	56.6	53.5	41.8	30.3	18.1	40.7
1988	12.8	26.8	30.6	41.4	48.6	61.5	64.1	60.6	50.4	46.9	28.3	18.8	40.9
1989	18.6	6.9	27.9	39.6	45.8	55.7	66.0	58.5	50.7	40.1	32.9	18.9	38.5
1990	24.4	23.7	31.4	41.8	45.0	54.2	63.0	62.1	57.3	39.4	32.5	10.2	40.4
1991	17.3	32.9	29.9	37.5	45.8	53.8	63.5	65.1	54.1	38.6	23.8	20.5	40.2
1992	19.5	28.8	38.7	42.3	51.1	58.4	58.4	60.2	51.4	44.0	26.0	13.5	41.0
1993	12.5	12.0	33.5	38.9	52.3	52.9	54.7	56.5	50.9	41.5	23.5	21.5	37.6
1994	27.8	18.7	34.3	40.6	50.7	56.6	62.2	63.3	55.6	38.7	22.9	19.6	40.9
1995	17.2	27.4	30.3	37.8	46.0	54.5	62.4	60.9	52.6	38.4	33.8	22.1	40.3
1996	14.9	21.7	26.4	40.2	44.9	57.7	64.7	61.4	50.4	40.0	28.5	20.7	39.3
1997	16.5	21.3	30.6	35.2	49.7	56.7	61.5	62.2	55.1	41.1	28.6	17.1	39.6
1998	21.7	24.0	30.7	40.7	49.6	51.6	67.1	65.0	58.2	41.4	33.0	17.3	41.7
1999	25.3	25.7	31.9	37.5	46.2	55.2	61.9	64.1	50.4	43.8	38.2	22.3	41.9
2000	22.6	29.7	34.6	43.6	49.0	57.6	65.6	63.9	50.6	41.0	15.3	14.3	40.7
2001	14.8	14.0	31.2	37.1	49.2	54.8	62.9	64.7	55.7	41.1	32.7	18.7	39.7
2002	19.8	20.7	22.4	36.0	45.6	55.4	65.2	57.5	51.9	34.2	27.1	23.0	38.2
2003	23.5	16.6	31.8	38.7	46.8	54.9	66.6	65.1	52.1	43.9	21.8	20.5	40.2
2004	17.2	21.4	36.9	40.9	45.9	54.3	62.7	59.9	49.5	41.2	29.5	26.0	40.4
2005	21.7	26.3	32.0	38.6	46.8	53.0	63.8	60.7	51.1	43.5	27.5	15.8	40.1
2006	25.3	18.2	30.6	41.0	49.3	59.2	67.8	60.7	51.9	39.1	29.5	19.0	41.0
2007	16.4	25.2	36.4	40.3	48.9	57.9	69.8	61.5	50.7	40.7	29.0	18.6	41.3
2008	14.8	24.1	26.8	32.9	46.0	53.3	62.7	60.7	49.8	40.4	33.3	15.5	38.4
2009	21.9	26.4	27.6	36.6	47.9	53.3	61.6	60.9	57.2	35.2	28.6	14.4	39.3
2010	21.3	20.9	34.0	38.6	42.3	53.6	60.7	59.2	52.5	44.4	24.7	17.3	39.1
2011	21.2	17.0	31.1	34.1	44.0	52.5	62.9	62.9	55.3	43.1	24.9	18.8	39.0
2012	25.2	23.9	36.1	42.1	45.4	56.2	66.6	63.2	54.4	39.5	28.9	19.5	41.7
2013	16.1	21.8	31.4	35.9	48.4	57.1	66.3	63.6	54.7	36.7	30.9	17.7	40.1
2014	24.5	14.2	30.3	38.8	47.7	53.0	65.5	61.1	52.5	45.7	24.4	22.3	40.0
2015	24.5	29.5	37.2	38.9	48.0	61.3	62.1	61.9	53.8	46.6	21.5	17.7	41.9
2016	17.9	28.1	33.7	42.9	46.7	59.2	61.3	59.6	50.8	42.4	35.4	11.9	40.8
2017	9.4	24.3	37.6	39.6	48.4	57.4	67.5	63.4	51.3	39.0	27.6	18.4	40.3
2018	22.9	16.3	29.2	38.9	52.5	55.9	65.1	61.0	51.6	41.1	27.6	19.0	40.1
2019	19.9	10.6	20.5	40.0	47.1	56.0	63.7	62.7	53.2	32.9	28.8	21.2	38.1
2020	25.1	21.9	31.3	38.0	48.8	55.0	62.5	63.8	54.8	39.1	29.0	23.9	41.1
2021	24.0	16.3	32.7	37.2	44.1	62.0	68.6	60.6	53.0	43.2	35.6	24.3	41.8
2022	19.4	22.2	33.6	32.4	44.1	55.7	65.8	66.4	57.1	44.9	17.1	18.6	39.8
2023	15.3	16.9	22.5	34.9	52.9	55.2	64.0	63.4	54.3	40.8	32.2	25.3	39.8
1900-2023	**18.8**	**22.3**	**29.7**	**39.0**	**47.6**	**55.8**	**63.6**	**61.7**	**52.1**	**41.8**	**29.1**	**20.4**	**40.1**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	20.4	21.3	31.3	38.2	47.3	56.0	64.5	62.1	52.8	40.9	28.0	19.4	40.2
2014-2023	20.3	20.0	30.9	38.2	48.0	57.1	64.6	62.4	53.2	41.6	27.9	20.3	40.4
2019-2023	***20.7***	***17.6***	***28.1***	***36.5***	***47.4***	***56.8***	***64.9***	***63.4***	***54.5***	***40.2***	***28.5***	***22.7***	***40.1***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column

Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column

*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

124 Yr Avg

Last 25 yrs

Last 10 yrs

Last 5 Yrs

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's — **42.6**

Avg Temps for each Decade in Butte
1890 Census Population of Butte 10,723
1900 Census Population of Butte 30,470
1910 Census Population of Butte 39,165

June 6, 1912 Mt Novarupta, Alaska

1910's — **42.6**

1917 Population of Butte peaks at nearly 91,000
1917 Population of Montana was 505,000

1920 Census Population of Butte 41,611

1920's — **43.1**

1925 Hottest year recorded in Butte

1930 Census Population of Butte 39,532

1930's — **39.9**

1940 Census Population of Butte 37,081

1940's — **38.1**

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts its assessment on the lowest 2 year trend in 124 years.

1950 Census Population of Butte 33,251

1950's — **38.1**

1960 Census Population of Butte 27,877
1961-62 Peak of Nuclear Weapons Testing

1960's — **38.9**

1970 Census Population of Butte 23,368

1970's — **38.8**

1975 Coldest year recorded in Butte

May 18, 1980 - Mt Saint Helens, WA
1980 Census Population of Butte 33,125

1980's — **39.4**

1990 Census Population of Butte 33,252
June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's — **40.3**

2000 Census Population of Butte 33,808

2000's — **39.9**

2017 Montana Climate Report ends its assessment on the second highest annual temp in the report period.

2010 Census Population of Butte 33,525

2010's — **40.1**

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

2020 Census Population of Butte 34,530
2023 Held vs. MT Court Decision

Butte is trending exactly the same Temp (40.1 F) as its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of NOAA Temperatures in Great Falls, Montana (Table 1-3)

Unaltered Monthly Mean Avg Temperature (F) for Great Falls, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	34.0	21.7	37.8	49.0	57.8	68.7	69.6	65.2	54.1	47.2	31.6	37.0	47.8
1901	24.0	21.9	37.7	44.3	58.4	55.9	70.9	69.8	51.9	52.0	43.3	32.1	46.9
1902	27.6	28.0	34.9	43.9	56.2	57.4	65.4	67.0	56.2	48.7	32.6	23.6	45.1
1903	31.6	27.2	26.4	43.9	51.6	65.1	65.7	65.4	56.1	51.8	31.6	33.8	45.8
1904	29.2	15.1	25.5	48.1	54.2	62.1	69.5	67.7	57.8	50.6	45.9	31.4	46.4
1905	18.1	21.4	40.8	44.6	50.4	58.0	68.4	70.3	59.6	41.0	36.7	31.4	45.1
1906	29.3	30.1	26.2	49.1	50.1	57.7	69.8	65.4	60.1	49.6	32.0	27.0	45.5
1907	7.1	29.9	35.7	39.7	49.7	58.4	65.4	62.3	53.7	52.4	39.7	35.1	44.1
1908	31.9	27.3	31.9	48.4	54.0	60.2	71.2	65.0	59.6	44.7	39.3	30.2	47.0
1909	16.3	26.5	34.9	38.1	51.3	60.6	67.5	68.6	59.6	48.2	35.8	19.2	43.9
1910	28.8	18.5	46.9	54.9	56.5	64.4	70.7	64.3	55.7	53.1	35.5	31.2	48.4
1911	16.3	20.8	40.8	41.8	51.3	64.7	66.2	62.2	53.4	44.8	28.4	26.8	43.1
1912	21.0	32.2	22.4	47.9	53.9	64.7	64.4	64.3	51.4	46.3	44.9	35.4	45.7
1913	17.9	19.9	26.4	46.4	52.5	65.4	67.6	69.4	59.3	43.7	41.7	34.4	45.4
1914	31.1	22.2	37.9	46.5	55.8	61.5	72.4	66.6	58.8	47.5	41.2	16.3	46.5
1915	24.1	31.1	34.9	54.3	53.1	56.8	62.6	70.0	52.8	52.0	35.8	30.6	46.5
1916	-3.0	20.8	39.1	46.5	49.7	58.7	67.0	65.4	56.2	42.9	35.6	15.4	41.2
1917	20.4	15.5	26.1	41.4	52.2	59.7	73.0	66.3	57.9	45.4	46.1	18.0	43.5
1918	18.6	25.0	40.7	44.3	51.2	67.6	68.0	65.8	57.5	52.0	34.6	31.9	46.4
1919	37.1	21.5	27.4	50.2	57.3	67.0	72.6	69.4	58.3	36.7	28.6	21.6	45.6
1920	23.1	28.2	32.8	37.2	52.0	60.6	71.6	68.1	59.2	46.1	33.7	29.5	45.2
1921	31.7	34.1	34.7	44.4	53.7	65.3	68.5	67.3	51.9	51.3	31.2	25.1	46.6
1922	19.2	9.0	33.2	43.4	53.6	65.5	67.1	70.0	61.0	49.9	34.9	16.7	43.6
1923	29.5	18.4	34.5	44.2	54.5	62.0	71.0	65.6	57.7	43.8	40.7	30.1	46.0
1924	19.0	36.0	31.6	44.5	55.2	59.0	69.0	64.2	58.0	49.0	34.4	15.1	44.6
1925	27.1	32.3	36.7	48.2	57.5	62.6	71.0	65.5	54.8	36.2	37.6	35.9	47.1
1926	33.0	37.4	37.7	47.6	56.9	62.8	70.5	65.7	48.4	50.0	33.6	25.4	47.4
1927	22.5	25.1	36.4	42.8	47.8	61.7	67.2	63.9	55.3	50.4	25.8	12.8	42.6
1928	26.6	30.4	39.0	42.7	59.8	58.3	68.5	63.8	56.5	45.4	39.3	29.0	46.6
1929	8.9	14.5	37.2	41.6	52.7	61.7	70.8	71.8	52.4	48.5	34.8	22.2	43.1
1930	6.5	37.0	31.5	52.5	54.3	62.9	72.1	71.7	58.8	40.7	36.9	35.6	46.7
1931	35.1	36.4	36.6	47.2	57.0	66.5	70.1	69.4	58.9	49.4	30.8	31.1	49.0
1932	23.8	30.1	25.2	47.9	56.8	63.3	71.3	67.9	58.8	46.1	38.6	21.1	45.9
1933	28.6	20.5	37.9	43.5	52.9	68.0	72.8	67.8	57.2	47.5	41.6	22.0	46.7
1934	35.1	35.0	37.6	51.7	62.1	62.1	70.9	68.2	52.4	50.9	41.6	27.7	49.6
1935	21.8	35.6	29.8	36.6	52.5	61.6	71.4	66.2	59.9	46.7	31.9	32.1	45.5
1936	19.9	-5.2	33.9	45.0	63.0	66.4	76.4	70.2	58.8	51.3	39.1	25.4	45.3
1937	3.1	17.8	34.0	46.5	57.4	62.3	72.6	68.0	58.9	M	34.1	26.5	incomplete
1938	31.0	18.1	34.1	45.9	52.1	61.9	69.3	67.2	65.5	50.1	33.0	28.9	46.4
1939	32.7	18.7	36.0	48.4	57.7	57.0	72.8	69.5	M	47.6	45.2	36.7	incomplete
1940	15.8	22.7	36.6	41.1	57.4	64.7	71.3	70.4	62.4	51.6	27.2	32.8	46.2
1941	28.6	27.5	35.1	45.5	55.5	62.3	71.3	67.5	51.8	46.2	39.5	28.5	46.6
1942	27.7	19.9	33.3	47.8	50.4	56.8	69.3	67.2	57.2	50.1	33.3	28.2	45.1
1943	11.7	30.1	24.9	49.6	50.4	56.6	69.4	68.1	59.2	52.1	39.3	32.8	45.3
1944	33.3	24.1	25.3	47.2	57.1	57.9	67.7	64.9	59.4	55.5	33.8	28.6	46.2
1945	28.6	23.6	35.6	38.8	51.1	56.8	71.7	70.2	54.6	51.6	33.4	24.1	45.0
1946	31.5	32.1	41.0	50.0	51.1	61.4	70.6	66.7	56.9	40.5	28.1	26.9	46.4
1947	27.2	23.2	27.5	46.1	55.1	58.3	73.1	66.8	56.5	51.7	30.3	31.0	45.6
1948	29.3	19.9	27.3	43.2	53.0	61.3	66.4	68.6	59.9	50.7	35.7	18.4	44.5
1949	10.1	18.8	31.4	51.1	56.8	61.2	68.8	71.0	58.4	41.5	47.5	19.9	44.7
1950	-3.8	35.2	28.5	40.7	50.8	58.5	66.3	64.5	55.8	49.1	31.6	33.0	42.5
1951	18.2	23.7	19.1	40.8	53.1	54.1	68.1	62.7	52.6	41.9	35.5	15.2	**40.4**
1952	18.3	27.5	28.0	50.9	54.7	61.2	66.4	66.3	61.3	50.2	33.6	32.5	45.9
1953	32.4	31.2	36.0	38.2	49.1	58.5	70.0	69.1	60.9	54.2	44.8	32.5	48.1
1954	10.2	39.7	25.9	36.9	53.5	56.8	71.5	65.0	55.8	45.8	44.7	34.6	45.0
1955	25.9	21.5	23.0	40.5	49.5	60.4	67.0	70.3	56.0	50.4	19.3	22.3	42.2
1956	20.8	23.5	33.8	41.4	54.3	63.8	69.4	65.1	58.8	47.6	38.3	29.1	45.5
1957	7.8	22.4	33.8	42.8	56.4	61.9	71.8	65.5	59.3	40.7	35.0	36.6	44.5
1958	36.5	23.6	28.0	44.0	61.8	58.9	63.8	71.1	58.5	52.1	33.3	29.9	46.8
1959	23.1	16.8	38.1	43.4	48.5	63.0	70.8	65.7	55.7	44.8	29.7	36.0	44.6
1960	22.8	23.9	31.3	42.7	52.2	62.2	74.5	65.4	60.2	50.2	35.5	30.1	45.9
1961	32.8	35.9	37.7	40.3	54.8	69.4	70.1	72.4	50.2	46.6	30.0	20.3	46.7
1962	18.9	20.7	25.8	48.1	50.8	61.4	65.0	67.3	56.7	50.5	40.3	32.6	44.8
1963	12.8	36.7	39.4	42.9	52.8	61.4	68.9	68.7	64.0	54.1	38.6	23.5	47.0
1964	28.7	33.0	26.9	42.3	54.8	62.5	72.4	65.3	53.9	53.0	31.8	11.1	44.6
1965	23.9	27.0	20.9	44.7	51.5	60.3	69.6	68.0	45.0	53.4	34.9	29.1	44.0
1966	13.9	27.0	36.4	40.2	55.8	59.9	70.0	65.0	64.2	47.4	29.0	27.9	44.7
1967	26.3	32.1	27.2	35.5	52.5	60.2	73.0	71.0	62.8	50.1	36.2	22.0	45.7
1968	22.0	33.2	40.4	40.6	49.5	59.2	67.8	64.4	56.5	47.9	35.8	16.1	44.4
1969	-2.8	16.6	26.1	50.3	55.7	59.2	68.3	72.0	61.3	38.0	40.0	29.9	42.9
1970	14.7	32.3	29.0	38.5	53.8	66.5	71.4	70.9	54.6	44.6	30.2	23.0	44.1
1971	16.2	29.3	31.6	44.9	54.6	62.0	67.5	76.0	54.7	44.6	36.3	17.9	44.6
1972	12.8	22.5	38.3	42.4	53.5	65.2	64.7	69.6	53.9	43.2	36.3	17.9	43.4
1973	24.9	29.6	39.5	40.2	55.4	63.6	71.4	71.1	58.1	49.2	25.2	28.9	46.4
1974	19.8	33.8	33.3	47.1	49.4	66.9	72.8	62.9	54.8	51.4	38.7	32.5	46.9
1975	22.7	13.1	27.3	30.9	50.0	58.8	71.8	64.8	57.3	45.7	32.8	28.6	42.0
1976	26.4	30.5	31.6	46.1	56.9	61.0	70.3	67.8	61.2	46.5	36.5	31.5	47.2
1977	21.6	39.2	34.0	47.1	51.2	65.4	68.0	62.5	56.1	47.8	30.8	16.5	45.0
1978	7.6	14.4	33.6	44.0	51.3	62.5	67.0	66.5	58.8	48.8	23.8	17.3	41.3
1979	6.5	18.8	34.6	40.6	51.4	62.9	69.0	68.5	62.9	49.4	33.4	34.6	44.4
1980	15.2	28.0	32.4	52.9	57.1	60.9	69.3	62.3	58.0	49.0	39.3	23.7	45.7
1981	33.8	30.8	37.2	46.5	52.8	58.1	66.5	69.7	59.8	45.3	40.8	24.6	47.2
1982	6.3	19.5	27.9	37.9	48.4	60.2	66.8	65.0	53.9	46.5	32.1	26.7	40.9
1983	32.2	36.6	35.8	41.7	50.7	60.1	65.8	72.4	53.6	48.9	35.1	4.0	44.7
1984	29.5	36.9	35.3	44.4	51.7	59.7	69.7	71.6	51.8	40.2	35.5	13.0	44.9
1985	19.1	21.6	33.4	48.5	57.3	62.2	73.0	61.7	48.2	44.5	12.2	24.6	42.2
1986	36.6	18.6	43.9	42.4	53.2	66.0	64.9	69.0	51.4	49.6	31.9	33.1	46.7
1987	32.3	36.0	36.2	52.7	57.8	65.4	66.8	61.5	58.9	47.5	40.4	29.6	48.8
1988	23.6	28.9	37.3	46.8	56.4	69.5	69.1	67.1	56.0	49.7	35.7	29.5	47.5
1989	27.9	10.3	29.0	43.3	50.9	60.8	70.2	64.0	56.1	46.2	36.6	27.5	43.6
1990	29.9	28.0	35.7	44.3	49.8	59.8	67.5	68.5	62.4	46.0	37.6	17.8	45.6
1991	19.0	39.2	35.0	43.1	51.2	57.9	68.0	71.6	57.7	42.4	31.7	34.9	46.0
1992	34.6	36.6	40.8	47.1	55.3	62.8	61.5	62.9	56.8	47.6	35.2	18.4	46.6
1993	14.8	19.3	37.6	43.7	55.5	56.5	58.0	60.5	52.5	46.1	28.1	33.5	42.2
1994	27.3	17.2	39.6	44.5	54.7	60.5	68.7	67.1	60.1	44.1	30.4	28.6	45.2
1995	28.3	28.0	30.2	39.8	49.3	57.0	63.9	64.0	56.0	43.2	35.1	26.7	43.5
1996	12.0	26.3	24.5	44.4	46.8	60.7	67.0	67.3	54.1	43.2	20.7	15.3	40.2
1997	17.4	31.2	33.5	36.6	51.8	59.3	65.2	65.3	60.5	45.7	34.3	30.7	44.3
1998	21.6	33.5	31.4	45.1	54.1	55.3	69.2	69.1	63.1	46.2	35.5	24.7	45.7
1999	27.4	34.5	37.7	39.9	49.6	57.7	63.6	68.0	52.5	46.7	43.3	35.1	46.3
2000	25.7	27.9	36.8	45.5	53.0	59.0	69.8	68.3	55.8	45.4	25.1	19.1	44.3
2001	30.5	17.4	36.0	42.1	55.3	60.0	68.6	70.8	60.6	46.1	41.8	25.3	46.2
2002	26.2	30.3	17.4	38.2	49.8	59.4	71.2	60.8	57.0	37.6	38.6	30.8	43.1
2003	29.2	24.4	31.1	46.0	51.1	60.8	72.4	71.0	56.4	48.9	27.1	30.3	45.7
2004	20.4	31.1	40.2	45.0	48.0	56.3	68.0	64.4	54.9	44.1	37.0	31.3	45.1
2005	20.3	31.7	34.6	43.9	50.3	58.3	69.1	65.8	56.5	48.2	36.8	25.0	45.0
2006	37.0	27.0	31.9	46.5	54.3	62.8	73.5	67.2	58.3	43.2	31.9	32.0	47.1
2007	27.5	23.6	41.9	42.0	53.8	62.4	76.8	67.6	56.4	48.5	33.5	26.7	46.7
2008	22.5	29.6	34.2	38.6	52.0	58.4	67.9	68.1	55.0	46.5	40.6	16.5	44.2
2009	26.2	29.2	30.8	40.4	51.3	57.9	66.9	65.2	63.6	38.9	39.6	14.3	43.7
2010	27.8	26.6	42.0	42.5	47.5	58.2	65.2	65.0	55.2	51.0	27.5	23.2	44.3
2011	23.5	16.9	31.3	38.7	49.8	56.6	68.2	69.4	62.3	48.0	34.1	31.6	44.2
2012	28.6	28.6	40.7	47.7	50.6	61.3	72.9	69.2	60.9	43.8	38.4	25.8	47.4
2013	29.4	32.9	36.0	39.4	52.5	59.9	69.8	69.7	61.9	42.7	33.8	21.1	45.8
2014	29.4	14.7	29.8	43.2	51.7	57.4	70.4	67.3	57.0	51.6	26.2	28.4	43.9
2015	26.9	31.0	43.6	44.2	50.7	65.2	67.5	68.6	57.8	48.6	31.5	26.6	46.8
2016	27.3	38.2	39.6	46.4	51.2	62.6	67.1	65.4	55.6	46.4	43.6	14.3	46.5
2017	17.9	25.5	37.7	43.9	54.4	61.7	73.4	67.0	56.7	45.2	32.9	21.1	44.8
2018	26.8	11.8	29.4	38.4	57.6	61.5	67.7	66.6	54.0	44.2	33.6	29.4	43.4
2019	29.6	-0.2	23.4	43.6	49.7	59.9	66.3	66.8	56.0	36.8	31.3	31.7	41.2
2020	26.7	30.0	31.7	39.2	51.3	60.2	66.5	68.9	58.9	40.8	37.2	33.8	45.4
2021	31.3	12.4	39.1	41.5	48.6	64.9	73.7	66.1	59.8	48.0	40.5	20.1	45.5
2022	27.8	25.0	36.3	36.9	50.2	59.4	71.1	72.3	62.2	49.4	23.3	17.2	44.3
2023	29.9	28.0	26.0	41.3	57.5	60.3	68.5	69.0	60.3	44.2	39.2	37.6	46.8
1900-2023	**23.2**	**25.8**	**33.4**	**44.0**	**53.2**	**61.2**	**69.1**	**67.2**	**57.1**	**47.1**	**34.9**	**26.4**	**45.2**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	27.0	25.1	34.4	42.2	51.7	60.1	69.4	67.5	57.8	45.4	34.7	25.9	45.1
2014-2023	27.4	21.6	33.7	41.9	52.3	61.3	69.2	67.8	57.8	45.5	33.9	26.0	44.9
2019-2023	***29.1***	***19.0***	***31.3***	***40.5***	***51.5***	***60.9***	***69.2***	***68.6***	***59.4***	***43.8***	***34.3***	***28.1***	***44.7***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column
Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

DATA FROM 16th Street (1900 - 1939)
DATA FROM Great Falls AIRPORT (1940 - 2023)
2017 Montana Climate Assessment Report (1950-2015)
Back when it was called weather
Ice Age Narrative
Global Warming Narrative
Climate Change Narrative
Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Census Great Falls 14,930

1900's **45.8**

Avg Temps for each Decade in Great Falls

1910 Census Great Falls 13,948
June 6, 1912 Mt Novarupta, Alaska

1910's **45.2**

1920 Census Great Falls 24,121

1920's **45.3**

1930 Census Great Falls 28,822

1930's
1934 Hottest year recorded in Great Falls **46.9**
1940 Census Great Falls 29,822
Why didn't the Montana Climate Report Start a decade earlier in 1940?

1940's **45.6**

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts on the lowest 2 year trend in 124 years.

1950's **44.6**
1950 Census Great Falls 39,214
1951 Coldest year recorded in Great Falls

1960 Census Great Falls 55,244
1961-62 Peak of Nuclear Weapons Testing

1960's **45.1**

1970 Census Great Falls 60,091

1970's **44.5**

May 18, 1980 - Mt Saint Helens, WA
1980 Census Great Falls 56,264

1980's **45.2**

June - Nov 1988 Yellowstone Fires

1990 Census Great Falls 55,097
June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's **44.6**

2000 Census Great Falls 56,676

2000's **45.1**

2010 Census Great Falls 58,505

2017 Montana Climate Report ends on a high 2 year trend.

2010's **44.8**
2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

2020 Census Great Falls 60,442
2023 Held vs. MT Court Decision

124 Yr Avg **45.2**
Last 25 yrs **45.1**
Last 10 yrs **44.9**
Last 5 Yrs ***44.7***

Great Falls is below its 124 year average (-0.5°F) and trending colder.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of NOAA Temperatures in Bozeman, Montana (Table 1-4)

Unaltered Monthly Mean Avg Temperature (F) for Bozeman (MSU), MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	30.5	20.4	37.1	43.5	53.4	64.0	63.5	61.1	52.9	43.5	29.9	29.4	44.1
1901	22.4	20.3	32.5	39.4	54.2	51.7	68.4	66.5	47.4	48.8	38.1	24.9	42.9
1902	20.1	28.8	29.8	40.1	51.5	55.1	60.7	61.2	52.0	46.1	31.2	23.6	41.7
1903	26.1	17.6	27.6	37.8	47.1	59.6	59.3	63.1	50.4	47.5	27.1	25.2	40.7
1904	22.5	22.3	25.1	41.9	48.2	55.1	62.1	63.4	54.7	46.2	39.2	25.7	42.2
1905	20.7	16.8	35.7	40.4	45.2	52.9	M	64.3	57.6	38.6	31.4	23.0	Incomplete
1906	25.1	25.9	22.0	42.4	47.7	53.0	65.5	M	55.6	45.7	28.0	28.3	Incomplete
1907	11.3	29.0	33.2	38.0	46.1	52.1	60.8	58.2	52.5	48.0	34.9	25.7	40.8
1908	23.2	24.7	28.5	42.9	45.9	52.7	65.4	60.8	55.3	40.0	33.6	22.9	41.3
1909	17.3	25.0	30.9	33.2	45.7	57.8	63.4	63.9	53.9	44.7	34.2	12.4	40.2
1910	18.1	14.1	42.3	47.5	49.9	59.2	66.3	60.0	50.9	46.5	33.3	25.3	42.8
1911	22.3	17.4	37.1	38.5	47.3	58.8	60.9	59.0	51.1	39.0	25.9	20.6	39.8
1912	22.9	27.0	18.9	40.3	47.6	58.7	59.9	58.7	46.4	38.3	36.1	23.0	39.8
1913	20.0	14.0	26.2	42.3	48.4	58.1	60.3	64.3	54.0	38.0	34.7	21.2	40.1
1914	28.2	25.4	33.4	40.6	50.7	55.4	65.1	61.9	53.5	44.3	39.0	17.6	42.9
1915	20.4	28.9	33.6	48.5	46.9	51.4	57.3	64.2	48.9	47.5	30.4	22.6	41.7
1916	2.6	24.9	36.1	40.8	43.1	53.2	64.2	61.0	52.7	38.8	25.2	16.0	**38.2**
1917	16.6	18.4	21.0	35.4	46.9	55.1	68.8	63.3	56.4	42.8	39.7	29.4	41.2
1918	19.1	19.1	34.4	37.1	47.0	63.8	63.0	60.4	53.2	47.4	27.8	26.6	41.6
1919	28.1	19.4	30.6	44.3	52.2	64.6	70.2	67.1	56.2	32.1	24.0	13.6	41.9
1920	24.5	23.8	24.5	34.8	47.7	55.6	65.9	63.1	55.2	42.9	27.6	25.2	40.9
1921	25.3	29.5	33.0	39.9	48.9	61.7	66.5	64.2	48.6	47.8	29.5	19.5	42.9
1922	13.6	11.0	27.0	38.8	49.7	61.0	62.3	66.9	59.0	48.1	26.6	16.8	40.1
1923	25.9	17.4	30.6	40.9	50.6	56.8	69.1	64.0	56.9	40.5	36.4	21.8	42.6
1924	17.9	28.6	25.6	M	51.9	55.8	64.1	63.0	54.2	44.8	28.9	13.9	Incomplete
1925	26.3	33.2	33.6	43.9	53.9	56.7	67.2	63.1	52.5	35.2	29.9	29.3	43.7
1926	23.2	28.4	32.1	44.8	50.8	58.9	67.2	63.4	48.1	47.4	34.3	20.8	43.3
1927	19.7	24.7	32.2	38.7	44.6	58.2	65.4	60.9	M	48.1	33.6	12.6	Incomplete
1928	22.0	20.7	34.1	39.8	56.5	53.7	65.3	62.1	56.0	43.3	33.0	21.5	42.3
1929	9.9	14.7	31.2	38.1	48.6	57.5	66.3	68.8	50.0	45.2	28.5	28.2	40.6
1930	2.0	32.6	29.2	49.5	51.3	58.9	66.3	66.0	56.1	39.9	31.3	21.6	42.1
1931	25.9	25.4	31.1	42.7	51.5	61.3	67.6	66.6	56.4	45.6	26.6	22.5	43.6
1932	16.5	24.6	23.8	42.5	51.6	58.4	65.9	64.4	56.0	40.9	38.6	14.3	41.5
1933	23.2	15.6	34.5	39.3	47.4	63.4	69.6	62.8	54.3	48.6	36.2	33.1	44.0
1934	32.8	30.8	38.9	49.4	58.3	58.4	67.8	67.5	51.9	48.3	39.2	25.0	**47.4**
1935	23.0	29.0	28.2	37.2	47.3	56.8	66.6	64.7	58.1	44.0	25.3	23.6	42.0
1936	21.2	5.2	31.8	42.8	56.9	61.2	72.0	66.5	55.9	46.0	27.0	26.1	42.7
1937	-0.7	21.4	27.2	38.4	53.0	56.7	66.9	64.8	57.9	49.3	34.5	24.9	41.2
1938	24.7	26.0	32.1	41.1	47.9	59.0	64.5	63.9	62.3	45.1	26.5	27.9	43.4
1939	27.7	16.6	32.6	45.8	54.1	54.0	66.1	64.6	56.1	44.9	39.0	31.5	44.4
1940	13.5	24.8	36.0	41.4	54.8	60.8	67.3	66.3	58.0	48.6	24.6	28.0	43.7
1941	23.6	26.3	36.3	42.0	52.9	58.4	65.6	64.6	49.3	42.8	34.9	22.5	43.3
1942	15.1	15.5	27.3	43.5	46.8	53.7	65.3	64.2	55.3	46.1	30.9	27.9	41.0
1943	15.4	27.0	23.6	46.9	46.4	54.5	64.4	63.8	56.3	47.8	35.0	23.6	42.1
1944	22.3	24.0	27.7	44.4	52.5	54.3	62.6	61.8	55.9	50.3	31.9	21.2	42.4
1945	25.6	27.1	33.3	36.2	48.4	52.8	65.0	65.0	52.8	48.9	30.5	21.7	42.3
1946	23.0	26.4	36.2	47.6	47.0	57.6	66.9	63.8	54.9	39.0	29.6	29.2	43.4
1947	21.1	27.2	33.2	42.9	54.2	54.7	69.0	65.6	54.7	49.4	26.8	25.1	43.7
1948	22.5	22.0	25.4	43.8	52.5	59.5	63.5	63.4	56.8	46.5	29.9	17.5	41.9
1949	4.4	20.4	29.7	47.9	54.0	56.7	66.5	67.7	54.3	39.5	42.3	24.3	42.3
1950	13.5	30.0	29.5	40.7	47.2	56.3	62.3	62.0	M	46.6	31.5	28.6	Incomplete
1951	16.3	24.8	23.5	41.0	51.7	52.0	65.9	61.7	52.4	41.6	30.5	19.0	40.0
1952	18.9	23.8	25.8	46.0	51.1	59.9	64.9	65.9	58.5	48.7	27.9	25.5	43.1
1953	34.7	27.4	36.0	38.7	46.5	57.8	68.7	67.3	59.5	49.6	38.7	28.6	46.1
1954	20.9	34.7	26.3	43.9	51.7	55.5	69.3	64.0	56.5	44.6	40.8	25.0	44.4
1955	19.4	19.4	22.0	37.3	50.3	56.9	65.2	68.9	55.4	47.6	23.3	22.4	40.7
1956	20.9	19.8	30.5	41.0	51.9	62.1	67.0	62.5	58.8	46.3	31.1	28.8	43.4
1957	9.4	26.1	32.6	40.2	52.4	58.5	66.5	65.9	56.6	43.2	29.9	31.8	42.8
1958	26.4	30.5	29.3	40.4	59.5	58.7	62.4	67.4	55.4	48.7	32.2	28.3	44.9
1959	25.4	21.2	34.0	42.1	46.2	61.3	66.9	64.4	53.5	43.9	28.4	29.1	43.0
1960	20.4	20.8	31.6	40.8	49.8	59.2	70.7	64.3	57.4	46.1	32.9	24.8	43.2
1961	26.8	35.3	36.5	39.9	51.8	65.6	69.4	69.4	48.8	42.5	29.4	22.3	44.8
1962	15.6	23.9	29.3	45.9	50.0	59.6	64.0	63.3	54.8	48.4	35.6	30.4	43.4
1963	12.1	34.9	36.1	41.4	51.8	58.2	66.5	67.1	M	51.9	35.4	22.8	Incomplete
1964	24.3	26.3	27.1	40.1	51.1	56.9	69.8	62.6	53.8	48.5	31.4	25.6	43.1
1965	29.1	28.0	23.5	42.9	47.5	57.8	65.4	62.6	44.5	50.3	36.8	28.1	43.0
1966	25.7	25.8	33.8	41.1	54.9	57.0	69.1	64.1	60.1	45.2	33.6	26.6	44.8
1967	29.6	31.3	29.4	37.6	49.7	56.6	67.6	67.9	61.6	45.7	32.2	18.5	44.0
1968	20.8	28.4	38.1	38.8	47.9	57.2	66.4	60.5	54.2	45.7	32.6	20.6	42.6
1969	15.6	22.3	27.5	46.6	54.4	56.0	65.6	67.8	59.1	38.1	36.4	28.5	43.2
1970	24.2	34.6	29.5	35.6	51.9	62.1	68.0	68.9	51.4	41.9	33.7	23.7	43.8
1971	24.5	29.7	32.4	41.2	52.2	58.0	65.0	70.9	52.3	43.0	33.4	20.8	43.6
1972	19.1	31.0	40.9	41.3	50.7	61.8	63.7	67.4	52.5	42.2	32.7	18.6	43.5
1973	19.1	24.4	33.9	38.8	51.4	59.8	67.8	67.1	54.2	47.6	30.4	29.5	43.7
1974	21.3	31.9	32.6	45.8	48.2	64.3	70.0	63.1	55.7	48.7	35.1	25.5	45.2
1975	22.9	21.3	29.1	32.9	46.9	56.3	69.2	62.3	55.8	45.5	30.5	30.0	41.9
1976	26.6	30.4	28.7	43.4	55.5	58.3	68.0	64.3	58.3	45.5	35.4	30.3	45.4
1977	20.3	33.8	30.9	48.1	50.3	63.2	65.5	63.9	55.9	47.1	31.7	25.2	44.7
1978	22.2	26.3	37.2	44.9	49.7	59.6	65.6	64.8	57.8	48.2	24.5	16.8	43.1
1979	6.9	25.0	33.0	42.1	51.5	60.7	67.9	66.4	62.5	49.6	28.5	32.7	43.9
1980	17.2	28.5	30.7	47.3	53.8	59.8	66.9	62.4	57.0	46.9	34.9	33.4	44.9
1981	31.8	28.8	38.8	45.0	50.8	57.4	67.0	69.1	59.4	43.4	37.1	28.0	46.4
1982	20.5	23.8	33.6	38.4	48.6	57.9	65.3	67.9	54.8	45.2	29.0	24.1	42.4
1983	32.5	33.9	38.7	40.6	50.0	58.8	65.9	69.5	54.5	47.6	34.5	10.2	44.7
1984	27.2	31.2	35.5	41.8	52.2	57.5	67.5	68.4	52.2	41.1	34.6	19.7	44.1
1985	18.4	21.2	31.1	46.6	55.7	61.4	71.6	63.8	50.2	43.4	18.3	21.0	41.9
1986	30.8	27.9	43.5	43.5	52.6	65.0	63.4	67.5	50.9	47.1	30.9	24.9	45.7
1987	24.9	32.1	38.1	51.3	56.2	62.8	64.8	62.2	59.6	49.2	35.2	25.6	46.8
1988	21.3	30.5	35.5	46.5	55.4	68.0	71.0	67.9	56.6	52.6	33.1	24.8	46.9
1989	25.3	11.6	31.7	44.2	51.3	60.6	70.9	64.3	57.4	45.7	37.6	24.8	43.8
1990	28.5	28.3	35.1	46.3	50.4	60.5	68.3	67.0	63.1	47.5	38.0	15.4	45.7
1991	23.7	37.9	34.7	41.6	49.8	59.0	68.9	70.6	59.3	44.5	29.7	29.4	45.8
1992	28.5	36.0	43.4	47.5	56.4	62.1	62.4	64.1	56.7	49.7	31.2	18.8	46.4
1993	18.0	19.4	38.2	43.5	56.3	57.4	58.6	60.7	M	45.7	27.8	28.9	Incomplete
1994	32.6	24.9	39.7	46.1	56.2	61.1	67.7	69.2	61.4	44.4	28.3	26.7	46.5
1995	24.2	31.9	34.0	42.0	50.1	59.1	67.5	67.3	M	M	37.0	28.1	Incomplete
1996	20.6	26.6	29.5	45.3	47.6	62.0	69.6	68.3	55.7	45.2	29.4	23.5	43.6
1997	21.0	27.9	37.3	37.8	53.0	60.1	64.9	64.9	59.1	45.0	32.4	22.6	43.8
1998	24.5	29.0	32.1	43.5	54.0	53.7	68.2	66.8	61.3	44.1	36.6	22.1	44.7
1999	28.1	31.3	35.9	40.3	49.1	57.0	64.9	67.0	52.8	48.2	42.4	28.0	45.4
2000	26.9	33.2	37.2	46.7	52.5	59.4	68.7	67.5	55.0	44.4	21.0	20.2	44.4
2001	22.5	21.5	35.1	43.3	54.4	58.8	66.6	69.1	60.6	46.2	39.3	25.2	45.2
2002	26.2	25.6	27.2	41.6	49.1	59.6	69.5	62.1	57.0	39.9	33.5	29.2	43.4
2003	30.6	22.5	35.1	45.4	51.4	59.5	71.5	70.7	58.0	50.3	28.6	27.5	45.9
2004	22.8	27.3	40.7	46.1	50.3	57.6	66.9	64.1	54.9	46.2	34.4	30.7	45.2
2005	24.4	32.2	36.9	44.1	50.6	57.4	68.8	65.1	57.7	49.6	33.7	22.1	45.2
2006	31.9	25.9	34.8	47.6	54.5	63.1	71.5	65.4	56.2	44.3	34.0	27.4	46.4
2007	22.1	28.8	40.9	44.3	54.6	62.3	74.8	67.1	57.5	46.6	33.7	23.6	46.4
2008	21.5	30.2	33.3	39.6	50.1	58.0	67.6	67.0	55.4	46.8	38.8	18.7	43.9
2009	27.0	31.6	31.1	41.6	54.1	57.4	66.6	65.6	63.2	39.2	34.4	15.7	44.0
2010	24.6	26.8	37.2	42.4	45.9	56.8	64.8	63.4	56.8	50.0	27.8	23.4	43.3
2011	25.1	21.3	35.4	38.2	47.7	57.0	67.3	67.3	60.3	48.0	31.5	26.1	43.8
2012	29.9	27.5	41.5	47.3	49.7	60.6	70.4	67.9	60.0	45.4	36.7	25.3	46.8
2013	24.2	28.0	35.3	40.2	52.1	60.4	68.9	67.6	58.3	41.5	33.9	20.9	44.3
2014	28.2	17.4	32.7	42.6	51.5	56.3	69.3	64.7	57.4	51.4	28.9	28.0	44.0
2015	27.8	34.3	41.9	44.1	50.8	65.4	66.4	66.3	59.0	50.8	29.3	24.9	46.7
2016	25.4	34.7	39.5	46.9	50.4	64.0	66.8	65.4	54.6	48.5	40.1	16.7	46.1
2017	16.5	28.8	41.5	43.6	52.8	61.1	72.7	67.0	55.3	43.7	32.4	21.1	44.7
2018	27.8	20.1	34.2	41.8	55.6	58.9	67.0	65.0	56.0	43.9	31.1	24.4	43.8
2019	25.0	11.6	23.0	43.2	48.3	57.8	65.0	65.6	57.4	36.7	31.7	27.2	41.0
2020	29.4	26.2	32.7	41.3	53.0	59.8	66.3	68.2	58.6	42.9	34.5	29.0	45.2
2021	28.0	17.4	36.3	42.2	50.5	67.1	73.0	65.3	59.6	47.7	39.7	28.3	46.3
2022	24.7	24.1	37.1	37.7	49.0	60.3	70.8	71.7	62.1	47.4	23.8	19.8	44.0
2023	23.3	24.9	28.7	40.5	56.9	59.3	69.0	67.6	60.6	45.2	37.2	31.1	45.4
1900-2023	**22.2**	**25.4**	**32.5**	**42.2**	**50.9**	**58.6**	**66.5**	**65.1**	**55.6**	**45.3**	**32.3**	**24.1**	**43.4**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg	
1999-2023	25.8	26.1	35.4	42.9	51.4	59.8	68.6	66.5	57.8	45.8	33.3	24.6	44.8	Last 25 yrs
2014-2023	25.6	24.0	34.8	42.4	51.9	61.0	68.6	66.7	58.1	45.8	32.9	25.1	44.7	Last 10 yrs
2019-2023	***26.1***	***20.8***	***31.6***	***41.0***	***51.5***	***60.9***	***68.8***	***67.7***	***59.7***	***44.0***	***33.4***	***27.1***	***44.4***	***Last 5 Yrs***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column
Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's **41.7**

Avg Temps for each Decade in Bozeman

June 6, 1912 Mt Novarupta, Alaska

1910's **41.0**

1916 Coldest year recorded in Bozeman

1920's **42.1**

1930's

1934 Hottest year recorded in Bozeman

43.2

1940's **42.6**

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts on a low trend.

1950's **43.2**

1961-62 Peak of Nuclear Weapons Testing

1960's **43.6**

1970's **43.9**

May 18, 1980 - Mt Saint Helens, WA

1980's **44.8**

June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's **45.2**

2000's **45.0**

2017 Montana Climate Report ends on a high trend

2010's **44.5**

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

2023 Held vs. MT Court Decision

124 Yr Avg

Bozeman is trending only 1.0° (F) above its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of NOAA Temperatures in Lewistown, Montana (Table 1-5)

Unaltered Monthly Mean Avg Temperature (F) for Lewistown AP, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	M	M	35.0	46.3	55.1	64.7	65.1	61.2	51.8	44.2	29.8	30.8	Incomplete
1901	22.4	19.9	34.8	43.0	55.1	53.6	68.1	65.7	49.5	49.6	39.0	M	Incomplete
1902	M	M	M	40.8	53.0	55.3	61.0	61.0	50.8	47.9	29.0	22.4	Incomplete
1903	27.9	19.6	27.5	41.1	47.7	60.6	60.5	62.2	51.2	48.6	30.3	29.3	42.2
1904	24.6	16.2	26.3	45.4	49.6	57.5	62.3	63.3	54.7	48.3	43.1	28.7	43.3
1905	17.9	19.9	38.7	42.6	48.6	55.9	64.8	67.0	58.6	41.2	36.9	29.5	43.5
1906	29.6	31.2	26.4	46.5	49.4	56.6	66.3	64.1	58.7	47.2	M	26.8	Incomplete
1907	9.4	29.8	33.5	38.1	47.1	56.2	62.3	59.9	53.3	49.2	36.0	M	Incomplete
1908	30.1	24.5	30.1	44.9	49.3	55.5	70.7	63.8	59.0	41.7	35.9	26.3	44.3
1909	15.5	25.8	M	32.7	49.3	59.1	63.4	64.8	56.0	M	35.6	13.7	Incomplete
1910	25.1	15.6	43.5	50.7	49.3	59.6	66.6	60.2	53.3	49.5	33.6	27.9	44.6
1911	20.3	19.4	38.7	37.7	49.0	61.3	61.9	58.2	52.2	41.4	22.9	23.5	40.5
1912	18.2	26.1	M	43.9	M	M	59.2	59.7	47.0	40.2	36.7	28.1	Incomplete
1913	12.2	11.6	19.7	43.3	48.8	61.1	61.4	62.9	53.3	37.6	35.7	M	Incomplete
1914	26.8	20.1	31.8	42.6	51.1	56.2	68.0	61.9	54.9	45.6	M	16.6	Incomplete
1915	22.4	M	31.5	49.6	48.3	52.6	59.5	M	M	45.9	29.3	27.2	Incomplete
1916	M	M	M	41.8	45.4	55.2	65.4	62.6	51.5	37.4	29.8	11.4	Incomplete
1917	17.6	M	M	M	M	M	M	M	M	M	M	M	Incomplete
1918	M	21.3	39.2	M	49.5	64.9	64.8	62.2	55.1	48.5	32.2	31.0	Incomplete
1919	33.4	19.2	27.5	45.5	53.8	65.1	69.7	67.8	56.2	34.8	25.8	19.3	43.2
1920	23.7	25.4	28.2	33.1	49.2	56.8	66.9	64.8	56.8	45.3	32.3	26.7	42.4
1921	28.8	31.6	32.1	40.3	50.0	62.5	65.2	66.0	49.4	50.4	32.4	22.4	44.3
1922	18.8	12.2	29.4	39.9	50.5	62.9	64.9	68.6	61.8	50.2	33.1	17.2	42.5
1923	27.0	18.1	29.1	41.9	51.2	59.7	68.4	65.0	56.3	M	M	M	Incomplete
1924	M	34.3	32.1	43.6	50.6	56.1	65.8	M	55.8	49.3	36.2	M	Incomplete
1925	25.2	30.8	33.3	47.1	54.0	60.8	70.4	66.8	56.1	36.9	34.9	32.2	45.7
1926	28.8	33.2	34.2	43.6	54.0	59.7	67.5	63.2	46.7	46.0	33.3	24.8	44.6
1927	22.3	23.4	33.3	38.8	44.3	57.8	64.7	61.1	54.1	48.8	26.9	10.5	40.5
1928	24.3	23.2	35.2	39.1	56.1	53.9	M	60.2	54.1	41.9	34.4	26.0	Incomplete
1929	5.7	12.5	30.7	38.1	47.8	56.9	65.7	67.4	48.6	45.2	27.4	23.3	39.1
1930	M	32.5	29.4	48.4	49.7	59.3	68.8	69.0	57.1	39.3	36.1	31.2	Incomplete
1931	31.6	35.5	33.4	44.1	53.1	63.1	67.4	66.0	56.5	49.1	30.2	28.4	46.5
1932	19.6	27.4	23.4	44.1	53.5	59.8	67.0	64.3	54.4	41.6	35.7	18.2	42.4
1933	24.5	17.7	35.6	39.5	50.0	64.7	68.7	63.4	54.3	46.5	38.0	25.9	44.1
1934	32.3	31.8	34.6	46.9	58.8	59.1	66.9	64.3	50.1	49.1	39.1	27.0	46.7
1935	21.5	33.2	27.2	35.5	47.7	57.2	67.3	63.2	56.2	44.5	30.7	32.1	43.0
1936	20.1	-0.2	30.3	40.9	58.7	63.5	72.5	66.3	56.0	45.9	35.2	24.2	42.8
1937	2.6	19.4	30.2	43.6	54.8	60.3	68.5	64.0	57.6	48.6	32.2	23.7	42.1
1938	27.8	22.1	34.1	43.2	49.7	60.5	65.9	63.6	61.9	47.1	30.1	28.3	44.5
1939	28.5	16.3	33.4	45.2	55.5	55.6	67.3	64.4	57.3	45.5	42.3	34.1	45.4
1940	13.1	21.6	33.5	38.3	53.0	60.5	68.5	66.7	60.4	48.8	23.4	30.0	43.2
1941	28.9	26.0	32.3	41.1	53.4	58.5	66.5	65.2	50.1	43.4	36.7	26.0	44.0
1942	23.7	18.8	28.4	M	48.3	54.9	65.8	63.5	55.0	46.6	M	M	Incomplete
1943	M	M	M	47.1	47.6	54.4	65.1	63.0	55.7	49.5	36.6	29.6	Incomplete
1944	29.5	21.7	23.0	42.1	52.6	54.2	62.5	61.2	54.9	52.1	32.3	23.2	42.4
1945	25.4	20.4	32.2	35.9	46.5	52.9	66.1	65.3	51.0	47.2	30.5	20.1	41.1
1946	24.5	26.6	37.7	46.2	46.7	56.7	66.2	62.7	52.5	37.5	27.2	25.7	42.5
1947	23.2	19.4	26.2	41.2	50.3	54.0	68.6	64.3	53.8	48.6	26.4	26.7	41.9
1948	23.8	16.3	24.5	41.5	50.5	57.0	62.1	64.3	56.6	46.8	30.8	16.0	40.9
1949	7.3	13.2	27.1	46.1	52.8	56.3	63.9	66.8	53.2	39.4	43.9	17.5	40.6
1950	-1.8	30.8	24.7	37.4	46.3	54.6	62.0	60.9	52.0	46.6	28.0	28.7	39.2
1951	14.6	22.3	17.6	36.9	50.5	51.0	66.3	61.4	49.5	39.6	29.9	12.8	37.7
1952	16.3	23.2	24.1	45.9	51.1	59.1	63.6	64.0	58.3	47.7	29.6	28.5	42.6
1953	32.3	27.3	33.7	35.5	45.2	56.5	65.8	66.0	57.3	50.6	40.7	28.8	45.0
1954	12.1	36.1	21.6	36.3	49.2	53.9	67.4	63.0	54.5	43.2	41.4	31.6	42.5
1955	20.7	17.5	20.5	38.4	47.8	56.1	65.2	67.9	53.8	48.2	19.3	20.5	39.7
1956	19.9	20.1	29.8	38.5	51.8	61.9	66.0	62.3	56.0	46.0	34.4	28.3	42.9
1957	5.8	20.7	31.1	39.1	51.5	57.8	68.4	64.3	55.0	40.1	31.4	33.9	41.6
1958	32.5	23.9	26.5	40.8	58.1	55.1	60.5	67.3	55.5	48.4	31.7	25.2	43.8
1959	21.3	16.7	32.8	39.5	45.5	59.2	65.7	64.2	52.5	42.3	26.5	31.9	41.5
1960	19.1	19.7	29.4	39.8	49.8	57.7	70.1	62.8	56.4	46.9	33.4	28.4	42.8
1961	29.2	34.4	36.5	37.4	51.5	65.6	68.1	70.4	47.5	43.5	29.7	20.8	44.6
1962	17.8	21.1	25.6	45.5	49.1	58.8	61.5	62.4	52.5	47.5	36.4	29.1	42.3
1963	11.4	32.4	35.0	39.6	50.0	58.1	66.5	66.6	62.2	52.3	36.1	22.0	44.4
1964	24.6	26.4	23.7	38.9	50.8	57.7	68.0	61.4	51.3	48.1	27.9	14.4	41.1
1965	23.9	20.6	15.4	39.0	46.1	55.5	64.0	63.1	42.8	50.3	34.2	27.1	40.2
1966	13.9	20.1	33.1	37.3	52.2	55.5	67.6	62.8	60.5	45.2	30.8	25.6	42.1
1967	23.2	28.9	24.5	35.1	47.5	55.4	66.4	68.1	59.9	47.5	32.1	19.6	42.4
1968	21.1	31.7	36.9	37.5	45.8	54.7	63.8	60.8	52.8	44.7	32.2	15.2	41.4
1969	2.2	17.9	24.0	45.8	50.9	55.8	63.7	67.9	57.6	35.0	36.5	28.2	40.5
1970	16.5	29.1	25.9	35.1	49.6	61.0	67.4	67.6	51.2	41.4	30.3	22.0	41.4
1971	15.3	24.0	26.9	41.1	50.8	57.8	62.9	72.3	52.1	42.3	34.2	16.3	41.3
1972	12.7	21.8	36.2	40.5	50.3	60.7	60.6	66.0	51.0	41.7	33.3	17.7	41.0
1973	24.6	28.4	36.2	38.0	51.5	58.7	65.5	68.0	55.2	47.4	28.1	30.2	44.3
1974	22.0	30.9	31.9	45.4	46.4	61.6	67.6	59.7	53.2	48.4	36.8	29.3	44.4
1975	20.9	13.3	23.0	28.5	47.1	54.9	67.0	61.3	54.2	44.8	31.2	28.0	39.5
1976	25.0	30.2	27.7	42.8	52.2	55.3	66.1	64.8	57.7	43.7	32.2	27.2	43.7
1977	17.4	30.1	29.4	44.8	50.0	60.4	62.8	58.5	53.0	45.0	27.7	15.9	41.2
1978	10.5	17.1	29.2	42.2	48.8	56.9	60.9	59.9	55.2	44.7	21.4	12.5	38.3
1979	3.5	16.6	28.7	35.9	46.8	58.5	65.3	65.1	59.7	46.8	29.4	33.1	40.8
1980	13.9	24.9	29.8	47.4	53.0	57.6	66.4	59.6	55.7	44.9	36.4	26.4	43.0
1981	33.0	28.3	36.3	43.8	49.6	54.1	64.5	67.0	58.0	41.8	39.2	25.6	45.1
1982	10.2	22.7	28.6	36.7	46.3	57.2	64.0	66.3	54.0	45.6	30.8	27.9	40.9
1983	33.4	35.7	37.5	41.5	48.2	57.7	65.0	70.3	51.3	47.8	33.8	6.3	44.0
1984	26.9	32.6	33.8	42.0	49.8	57.4	67.7	69.0	49.8	38.5	34.2	13.7	43.0
1985	17.4	18.5	30.0	46.4	55.7	58.4	69.1	59.7	47.0	41.9	10.7	23.7	39.9
1986	32.9	20.1	41.6	40.6	49.9	63.4	61.3	65.5	48.7	46.2	28.1	30.7	44.1
1987	27.7	32.8	32.5	48.1	54.0	60.9	63.8	59.1	56.9	45.5	38.1	24.8	45.3
1988	19.4	25.5	33.8	44.5	54.1	67.5	67.2	65.2	54.3	47.8	34.4	26.5	45.0
1989	24.3	9.5	28.2	41.7	50.0	58.6	68.6	63.8	55.1	44.7	35.8	23.5	42.0
1990	26.5	26.6	34.1	42.9	49.2	59.5	66.0	67.6	61.6	45.7	38.4	17.8	44.7
1991	19.1	38.6	34.0	41.5	51.5	59.4	66.7	70.9	59.3	41.0	28.5	32.2	45.2
1992	31.6	35.2	39.7	44.4	53.5	60.7	59.4	61.7	53.5	46.6	31.6	17.2	44.6
1993	15.0	15.6	34.2	41.9	53.9	55.8	56.7	59.0	51.3	44.1	27.0	29.1	40.3
1994	23.5	15.3	36.7	42.5	52.9	59.3	64.9	66.6	58.9	42.6	27.8	27.1	43.2
1995	28.4	27.7	29.3	37.5	47.4	56.6	61.9	63.2	53.4	41.1	33.7	25.7	42.2
1996	12.3	24.9	22.6	41.3	45.4	60.0	64.6	66.5	52.7	41.6	22.8	17.4	39.3
1997	16.8	29.9	33.3	33.5	49.7	58.3	62.1	63.6	58.5	43.5	31.8	27.5	42.4
1998	21.2	32.8	29.6	43.7	52.0	52.9	68.1	67.3	61.6	45.0	34.8	22.7	44.3
1999	26.6	33.4	36.3	37.9	48.1	56.0	61.8	65.6	51.0	45.3	41.9	31.8	44.6
2000	24.4	28.3	33.3	43.1	51.1	56.8	67.1	66.4	56.9	43.2	23.5	18.1	42.7
2001	27.3	17.4	33.3	41.7	53.6	58.4	67.3	69.8	59.4	43.8	39.0	25.9	44.7
2002	24.0	25.5	17.9	36.8	47.4	58.6	69.2	60.7	55.6	35.9	36.8	28.9	41.4
2003	29.2	20.9	29.8	44.6	49.7	58.4	70.8	71.1	54.3	48.5	26.1	27.5	44.2
2004	17.7	26.3	38.1	44.6	46.8	54.5	65.6	63.1	53.6	44.1	35.9	28.7	43.3
2005	21.0	30.9	33.8	41.9	48.4	56.9	67.0	62.8	56.1	47.1	35.0	21.9	43.6
2006	35.1	24.5	31.5	44.5	52.3	60.8	71.2	65.5	55.8	40.4	31.5	29.4	45.2
2007	24.5	20.8	39.4	38.6	51.3	59.5	72.9	66.1	54.7	45.9	31.4	24.3	44.1
2008	20.4	25.7	31.0	36.5	48.9	55.6	65.8	65.1	53.6	44.9	37.4	15.2	41.7
2009	23.3	27.6	29.6	39.0	49.5	55.4	63.9	63.4	61.4	36.2	36.8	13.1	41.6
2010	24.1	22.5	39.0	40.8	44.9	56.7	62.8	62.7	54.5	48.1	26.0	21.9	42.0
2011	21.3	16.8	29.8	36.3	46.4	55.4	67.1	66.3	58.5	46.5	31.6	27.3	41.9
2012	25.8	26.0	39.8	43.7	47.5	58.9	70.1	66.2	58.0	40.9	35.1	23.1	44.6
2013	25.4	26.0	31.1	36.2	50.8	58.0	67.5	67.5	58.9	40.9	32.2	18.6	42.8
2014	25.4	13.2	28.8	40.9	50.0	55.3	69.3	66.6	56.1	50.9	27.0	29.3	42.7
2015	25.8	30.1	42.4	43.7	49.9	64.4	67.0	66.9	58.9	49.5	32.3	26.5	46.4
2016	26.8	36.0	39.1	46.5	51.2	63.7	66.6	65.3	54.7	45.1	41.8	14.9	46.0
2017	17.4	26.6	36.3	42.1	51.7	59.9	72.7	65.8	55.4	43.7	32.4	20.5	43.7
2018	24.1	10.5	29.4	37.9	54.7	57.7	65.9	64.0	52.8	42.6	30.3	26.8	41.4
2019	27.7	1.8	23.6	42.1	46.6	57.4	64.1	64.4	53.8	34.7	29.1	29.2	39.5
2020	26.5	25.9	30.7	37.1	50.1	58.3	65.2	67.6	57.8	39.7	35.5	30.7	43.8
2021	28.2	10.1	36.8	39.9	47.5	64.5	72.7	65.0	58.5	46.9	39.1	20.2	44.1
2022	25.8	21.9	33.1	34.6	47.9	57.9	69.1	69.9	61.5	47.7	22.0	15.3	42.2
2023	26.5	25.2	25.3	39.0	55.7	58.5	66.7	66.8	58.9	41.9	36.9	34.3	44.6
1900-2023	**21.8**	**23.6**	**31.1**	**41.2**	**50.3**	**58.2**	**65.8**	**64.5**	**54.9**	**44.8**	**32.4**	**24.3**	**42.7**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	25.0	23.0	32.8	40.4	49.7	58.3	67.6	65.8	56.4	43.8	33.1	24.1	43.3
2014-2023	25.4	20.1	32.6	40.4	50.5	59.8	67.9	66.2	56.8	44.3	32.6	24.8	43.5
2019-2023	***26.9***	***17.0***	***29.9***	***38.5***	***49.6***	***59.3***	***67.6***	***66.7***	***58.1***	***42.2***	***32.5***	***25.9***	***42.9***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column
Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

2017 Montana Climate Assessment Report (1950-2015)

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's **43.3**

Avg Temps for each Decade in Lewistown

June 6, 1912 Mt Novarupta, Alaska

1910's **42.8**

1920's **42.7**

1934 Hottest year recorded in Lewistown

1930's **44.2**

1940's **42.1**

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts on the lowest 2 year trend in 124 years.

1951 Coldest year recorded in Lewistown

1950's **41.7**

1961-62 Peak of Nuclear Weapons Testing

1960's **42.2**

1970's **41.6**

May 18, 1980 - Mt Saint Helens, WA

1980's **43.2**

June - Nov 1988 Yellowstone Fires

June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's **43.1**

2000's **43.3**

2017 Montana Climate Report ends on the highest 2 year trend in 124 years.

2010's **43.1**

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

2023 Held vs. MT Court Decision

124 Yr Avg

Last 25 yrs
Last 10 yrs
Last 5 Yrs

Lewistown is trending 0.2° (F) above its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of NOAA Temperatures in Billings, Montana (Table 1-6)

Unaltered Monthly Mean Avg Temperature (F) for BILLINGS, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	30.5	23.5	38.9	48.3	M	74.4	74.7	69.6	57.6	M	M	M	Incomplete
1901	21.0	22.2	35.6	47.0	63.0	60.0	78.2	71.9	53.2	53.2	41.0	28.0	47.9
1902	25.1	M	M	47.9	60.4	61.5	70.3	69.4	M	M	M	24.8	Incomplete
1903	31.2	24.6	31.7	41.5	48.3	60.4	66.1	65.3	M	49.6	M	M	Incomplete
1904	32.2	M	25.9	M	M	M	72.6	70.8	61.5	M	M	32.4	Incomplete
1905	22.8	22.2	43.6	M	53.2	61.8	71.4	73.6	64.1	45.9	39.4	31.7	Incomplete
1906	31.8	33.0	28.3	52.3	57.1	64.2	75.0	M	64.0	51.6	36.0	31.9	Incomplete
1907	13.2	33.6	40.3	45.2	51.8	M	M	68.8	59.1	53.8	40.2	32.3	Incomplete
1908	31.8	31.3	36.7	51.6	56.3	M	M	M	64.5	M	39.8	29.8	Incomplete
1909	18.6	29.1	37.0	40.6	50.4	63.2	70.0	69.6	59.3	45.9	33.7	13.6	44.3
1910	19.5	18.5	47.1	53.9	56.3	66.6	72.3	64.0	57.3	51.6	37.1	26.5	47.6
1911	16.6	18.3	41.8	43.3	55.2	66.1	67.2	63.4	57.4	43.1	30.0	26.4	44.1
1912	19.5	29.8	21.3	46.3	53.8	63.7	66.3	65.3	51.4	45.1	39.9	31.7	44.5
1913	M	19.2	27.7	48.0	54.3	65.8	67.2	69.1	59.7	43.5	39.6	26.9	Incomplete
1914	30.7	22.4	38.1	46.2	54.7	62.4	71.7	66.4	58.8	48.2	41.3	16.8	46.5
1915	23.4	31.2	35.8	54.0	54.1	57.7	63.6	69.2	54.5	50.3	34.9	29.6	46.5
1916	-0.3	25.6	40.5	46.0	51.7	61.4	71.6	66.8	55.4	41.9	32.8	14.9	**42.4**
1917	20.5	19.5	25.1	42.1	51.3	61.0	73.6	66.9	58.3	44.9	43.7	20.9	44.0
1918	15.4	23.0	41.8	42.8	52.9	69.9	68.3	66.4	57.1	51.1	30.6	31.4	45.9
1919	34.7	23.1	31.8	48.6	57.6	69.3	72.4	69.3	58.2	35.4	26.0	16.1	45.2
1920	22.3	29.3	31.0	38.5	53.2	63.1	73.8	73.0	58.2	50.8	34.1	26.6	46.2
1921	29.6	34.2	37.5	45.6	55.2	69.4	73.8	70.5	56.0	51.8	31.7	25.3	48.4
1922	17.0	13.9	34.5	44.6	55.1	67.6	69.9	74.2	63.1	51.0	30.9	19.3	45.1
1923	30.7	21.2	34.4	44.1	56.0	63.2	74.9	67.0	60.0	44.1	39.6	27.6	46.9
1924	18.2	35.9	30.2	44.8	53.1	61.0	68.6	65.9	57.6	49.1	36.0	17.4	44.8
1925	26.8	33.6	37.7	49.1	57.3	64.1	72.4	67.2	58.6	36.8	36.0	31.9	47.6
1926	31.3	37.6	37.6	47.3	57.7	63.4	72.2	68.3	52.2	50.9	34.6	24.3	48.1
1927	21.8	27.7	37.0	43.0	50.1	63.6	68.6	64.4	57.2	50.2	32.4	13.5	44.1
1928	23.5	27.8	40.8	44.3	60.8	59.3	69.4	64.7	57.7	45.5	35.4	27.2	46.4
1929	11.5	14.9	37.4	44.5	52.7	63.5	71.6	72.1	54.5	49.1	30.8	22.8	43.8
1930	7.9	36.8	33.6	53.3	55.1	64.5	71.9	72.2	59.1	41.1	34.6	34.0	47.0
1931	32.5	36.2	36.0	45.8	56.1	69.4	71.6	70.2	59.6	45.4	32.2	28.6	48.6
1932	20.8	28.6	26.8	46.3	55.9	64.4	71.7	69.7	58.7	44.0	38.3	21.2	45.5
1933	23.6	20.1	40.7	45.8	54.8	71.4	75.5	69.6	59.4	50.5	39.7	26.7	48.2
1934	34.1	35.5	38.7	51.8	64.2	65.9	73.8	70.7	56.3	53.8	42.7	31.2	**51.6**
1935	23.9	36.2	33.1	41.7	52.3	64.6	75.8	71.5	63.4	48.4	32.7	32.3	48.0
1936	24.3	2.7	36.0	45.0	64.7	70.2	81.0	72.8	62.1	50.5	37.3	28.2	47.9
1937	6.1	21.1	34.5	47.4	60.4	64.5	76.0	73.8	64.3	52.1	35.8	26.7	46.9
1938	31.6	24.9	37.1	47.7	54.1	66.6	71.8	71.1	67.2	51.6	33.7	31.0	49.0
1939	34.5	18.7	37.8	49.7	60.1	60.7	72.6	67.6	59.5	49.5	40.7	36.6	49.0
1940	14.3	26.7	38.8	42.4	59.9	66.6	74.6	73.1	66.2	53.3	29.0	32.6	48.1
1941	29.7	30.0	35.4	45.2	59.3	64.4	72.9	70.8	54.0	46.0	39.7	28.3	48.0
1942	25.8	22.2	35.7	48.8	51.5	60.4	72.2	68.5	58.8	50.8	34.9	30.1	46.6
1943	13.7	32.4	25.4	51.7	51.2	60.4	72.3	71.3	60.3	53.0	39.6	32.1	47.0
1944	30.8	25.4	29.2	48.6	59.2	59.3	69.4	67.8	59.3	54.2	35.2	26.8	47.1
1945	27.3	26.7	37.6	41.1	51.8	58.1	72.7	70.9	57.1	51.9	34.7	23.6	46.1
1946	30.7	31.3	42.0	52.9	52.2	63.5	73.7	68.8	58.9	42.6	31.9	29.3	48.2
1947	26.5	24.4	29.2	45.5	56.0	59.4	74.9	71.7	59.3	52.9	30.9	28.1	46.6
1948	28.9	22.9	29.7	48.0	57.1	64.0	70.5	72.0	63.8	50.8	36.2	20.3	47.0
1949	9.3	17.4	32.0	52.9	59.1	63.5	71.3	73.4	58.5	41.9	47.5	22.5	45.8
1950	5.0	33.8	30.2	42.6	49.9	60.8	67.6	67.8	57.4	51.6	31.9	31.4	44.2
1951	20.5	27.6	22.5	42.0	57.0	56.9	71.7	67.2	54.5	44.7	35.2	19.2	43.3
1952	19.7	28.8	31.9	51.3	56.2	65.7	70.2	70.4	64.2	51.1	33.2	32.4	47.9
1953	36.2	32.3	38.4	40.3	51.2	63.0	74.3	71.6	63.2	54.7	43.5	32.9	50.1
1954	17.5	40.3	27.4	42.8	53.7	60.9	75.4	69.7	59.9	48.1	43.9	34.3	47.8
1955	27.3	20.4	26.2	44.6	54.4	62.6	71.7	73.8	59.6	53.4	24.0	22.6	45.1
1956	21.9	24.9	35.5	41.2	56.8	69.3	72.1	68.4	61.3	51.1	37.5	30.9	47.6
1957	11.2	27.2	34.5	42.3	56.1	62.6	74.5	70.4	59.2	44.7	34.2	37.3	46.2
1958	35.3	26.4	33.7	44.6	63.4	60.1	66.5	73.7	61.4	52.0	36.5	28.8	48.5
1959	23.0	21.9	40.4	44.2	50.7	66.5	72.8	71.5	59.0	47.2	30.8	34.1	46.8
1960	23.1	25.3	34.9	44.8	56.3	66.2	77.9	69.7	62.2	51.5	36.9	30.2	48.3
1961	32.2	38.6	41.0	42.8	56.6	72.7	75.0	76.2	52.5	47.3	31.2	24.4	49.2
1962	19.5	23.9	29.5	50.7	55.0	65.0	69.6	69.4	59.0	53.7	41.4	32.7	47.5
1963	13.8	36.8	40.7	44.4	53.9	62.1	71.4	71.0	65.2	54.8	38.0	22.3	47.9
1964	29.0	31.3	31.8	45.2	56.7	62.7	75.6	68.1	56.4	51.4	31.2	17.9	46.4
1965	28.1	25.2	21.4	45.7	52.5	61.4	71.5	69.5	47.1	54.4	37.9	28.4	45.3
1966	15.1	25.7	37.0	40.1	55.4	61.5	76.2	68.3	65.4	50.4	34.4	29.2	46.6
1967	30.2	34.2	31.3	39.7	50.1	60.8	72.7	71.0	61.8	49.9	37.2	24.7	47.0
1968	23.4	34.4	43.5	45.3	54.0	62.6	72.1	67.6	61.6	52.1	38.3	19.9	47.9
1969	6.3	24.2	31.1	50.2	56.6	58.7	69.3	73.1	62.7	40.0	38.8	31.0	45.2
1970	20.2	33.0	29.5	38.5	54.5	66.0	73.2	74.6	55.8	45.1	33.6	24.6	45.7
1971	18.7	26.8	33.4	44.2	54.5	64.3	69.2	76.7	55.6	43.4	35.9	19.7	45.2
1972	13.2	26.2	40.1	43.7	53.8	67.0	66.5	70.1	54.8	43.5	34.2	18.1	44.3
1973	23.0	29.2	38.6	41.4	54.3	65.0	71.6	72.3	57.7	50.4	29.5	31.4	47.0
1974	22.5	35.8	35.8	47.7	50.5	66.9	75.0	64.8	55.9	50.5	37.4	29.9	47.7
1975	23.5	18.1	30.2	37.1	51.2	60.2	74.5	67.8	59.4	47.9	32.9	29.4	44.3
1976	26.5	32.8	32.0	46.1	56.2	60.9	73.7	71.0	62.0	46.0	35.2	31.5	47.8
1977	18.0	37.6	35.9	50.2	56.6	69.2	72.5	66.1	59.0	49.7	31.8	20.3	47.2
1978	11.0	16.0	34.7	46.5	53.6	64.0	68.0	67.4	60.6	49.1	24.5	16.0	42.6
1979	7.6	18.9	36.2	43.6	53.8	66.5	73.4	71.5	66.2	52.6	33.5	36.2	46.7
1980	17.0	29.2	34.4	54.6	61.0	66.4	75.7	67.3	62.0	50.7	40.6	30.2	49.1
1981	36.0	32.4	41.7	50.5	55.5	64.6	73.7	73.2	63.2	46.0	40.5	28.5	50.5
1982	13.1	28.0	32.9	42.6	52.3	61.3	70.7	75.7	60.3	50.2	33.8	28.7	45.8
1983	35.3	38.3	38.6	42.8	53.2	63.9	71.9	77.5	59.3	53.4	37.8	8.6	48.4
1984	29.3	38.2	38.1	45.0	55.5	64.5	74.5	74.7	54.0	42.1	37.6	19.6	47.8
1985	20.3	24.1	34.0	50.5	60.2	64.0	74.8	65.6	53.0	49.6	15.2	25.9	44.8
1986	37.2	24.2	46.1	44.5	54.4	69.7	69.3	70.4	53.7	50.0	32.0	32.3	48.7
1987	30.3	35.0	37.6	54.1	60.2	67.9	70.4	66.2	61.2	49.6	40.3	29.8	50.2
1988	23.6	28.7	39.8	48.3	59.6	75.9	76.2	72.1	58.7	52.0	37.0	29.3	50.1
1989	27.1	13.4	29.9	44.9	54.9	63.6	75.3	69.3	60.5	47.2	39.7	25.0	45.9
1990	31.2	28.9	38.0	46.1	53.6	65.1	72.1	72.6	66.5	48.6	40.6	19.2	48.5
1991	20.7	41.0	38.4	43.7	54.8	64.3	72.5	75.5	60.6	45.5	32.6	34.1	48.6
1992	35.2	39.3	44.0	48.9	58.4	65.8	65.8	67.1	60.7	49.8	36.8	19.7	49.3
1993	17.9	21.6	40.5	47.0	59.7	62.2	62.7	65.5	57.0	47.5	31.4	33.7	45.6
1994	28.2	22.5	42.0	47.1	59.9	66.4	72.1	73.4	64.5	48.4	34.5	31.0	49.2
1995	31.8	34.8	34.6	42.7	51.1	61.9	69.3	70.6	58.5	47.2	38.4	28.2	47.4
1996	16.5	29.3	28.1	47.3	50.4	67.0	72.5	73.7	57.9	46.2	24.6	19.4	44.4
1997	18.8	32.3	37.6	38.7	56.0	65.5	68.8	69.4	64.1	49.2	35.4	30.0	47.2
1998	24.5	35.9	32.8	47.8	57.3	58.1	75.2	72.7	66.6	48.8	38.0	26.1	48.7
1999	30.0	38.3	39.6	43.4	53.3	62.9	71.3	72.4	56.3	50.1	45.3	35.2	49.8
2000	27.6	31.3	40.8	47.2	56.3	64.3	75.7	73.6	59.8	47.4	26.8	20.1	47.6
2001	30.2	20.6	38.6	46.3	58.9	63.5	74.2	75.2	63.6	47.8	41.2	27.8	49.0
2002	27.9	32.8	24.7	40.8	52.2	65.4	76.8	66.6	61.4	41.2	39.3	31.5	46.7
2003	31.1	25.2	34.0	49.5	55.2	63.7	78.4	77.1	60.3	53.5	30.6	31.5	49.2
2004	23.6	32.3	44.4	49.4	53.4	61.6	72.2	68.9	59.8	48.8	39.4	32.9	48.9
2005	22.4	34.4	40.6	46.2	52.7	63.3	74.2	69.7	61.8	49.7	39.3	26.3	48.4
2006	37.9	30.0	34.7	49.8	58.1	68.6	78.0	71.4	59.6	44.4	35.7	31.6	50.0
2007	25.3	26.1	44.6	44.5	56.5	66.0	79.1	71.9	61.3	50.1	36.5	27.8	49.1
2008	24.9	32.3	37.7	43.8	54.8	63.6	73.9	72.6	58.5	48.3	42.2	19.2	47.7
2009	29.7	33.7	33.8	45.3	57.3	61.7	71.2	70.2	66.7	41.2	41.7	16.5	47.4
2010	25.3	26.3	44.0	46.5	51.7	63.8	71.5	70.5	59.7	53.6	30.3	24.7	47.3
2011	25.7	20.2	35.5	42.7	50.0	62.4	74.7	73.5	64.5	51.9	35.3	30.8	47.3
2012	30.5	30.1	47.0	50.4	54.9	68.6	78.3	73.8	64.9	46.1	40.2	27.3	51.0
2013	28.0	33.2	37.6	41.7	57.4	65.6	74.4	74.9	64.4	44.7	36.0	22.1	48.3
2014	30.5	18.7	33.6	46.7	55.7	62.3	74.5	70.1	60.6	54.0	30.5	29.9	47.3
2015	29.8	33.4	46.8	47.7	53.8	70.0	72.5	71.0	65.4	53.5	34.4	29.2	50.6
2016	29.9	41.0	43.0	49.5	56.0	70.7	73.7	70.5	61.2	50.3	44.1	18.7	50.7
2017	19.0	29.9	41.6	47.6	57.3	67.0	78.3	71.3	60.2	48.6	35.9	24.4	48.4
2018	26.8	15.8	33.1	42.4	59.7	64.1	72.5	69.4	58.2	46.1	35.8	30.6	46.2
2019	28.8	8.4	29.0	46.7	51.7	65.2	72.5	72.7	61.7	40.1	34.8	33.1	45.4
2020	29.8	30.2	36.6	43.1	55.7	65.4	73.0	74.1	62.9	44.0	39.3	34.6	49.1
2021	33.0	16.6	41.1	45.2	53.6	73.1	79.3	70.7	65.2	51.4	43.8	25.5	49.9
2022	29.6	26.2	38.9	39.6	53.2	64.3	75.9	75.9	67.1	52.0	27.8	19.4	47.5
2023	30.1	28.5	28.6	44.5	60.6	64.0	73.6	73.3	64.9	47.0	41.1	36.9	49.4
1900-2023	**24.2**	**27.7**	**35.6**	**45.9**	**55.3**	**64.4**	**72.6**	**70.5**	**59.9**	**48.6**	**35.8**	**26.9**	**47.3**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg	
1999-2023	28.3	27.8	38.0	45.6	55.2	65.2	74.8	72.1	62.0	48.2	37.1	27.5	48.5	Last 25 yrs
2014-2023	28.7	24.9	37.2	45.3	55.7	66.6	74.6	71.9	62.7	48.7	36.8	28.2	48.4	Last 10 yrs
2019-2023	***30.3***	***22.0***	***34.8***	***43.8***	***55.0***	***66.4***	***74.9***	***73.3***	***64.4***	***46.9***	***37.4***	***29.9***	***48.2***	***Last 5 Yrs***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column
Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

DATA FROM BILLINGS WATER TREATMENT PLANT (1900-1934)

DATA FROM BILLINGS INTERNATIONAL AIRPORT (1935-2023)

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Census Population of Billings 3,221

1900's **46.1**

Avg Temps for each Decade in Billings

1910 Census Population of Billings 10,013

June 6, 1912 Mt Novarupta, Alaska

1910's **45.2**

1916 Coldest year ever recorded in Billings

1920 Census Population of Billings 15,100

1920's **46.1**

1930 Census Population of Billings 16,380

1934 Hottest year ever recorded in Billings

1930's **48.2**

1940 Census Population of Billings 23,261
Why didn't the Montana Climate Report Start a decade earlier in 1940?

1940's **47.1**

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts on the second lowest 2 year trend in 124 years.

1950's **46.8**

1950 Census Population of Billings 31,834

1960 Census Population of Billings 52,851

1961-62 Peak of Nuclear Weapons Testing

1960's **47.1**

1970 Census Population of Billings 61,581

1970's **45.9**

May 18, 1980 - Mt Saint Helens, WA
1980 Census Population of Billings 66,798

1980's **48.1**

June - Nov 1988 Yellowstone Fires

1990 Census Population of Billings 81,151

June 15, 1991 Mt Pinatubo, Philippines

1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's **47.9**

2000 Census Population of Billings 91,740

2000's **48.4**

2010 Census Population of Billings 104,170

2017 Montana Climate Report ends on the highest 2 year trend in 124 years.

2010's **48.3**

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

2020 Census Population of Billings 117,205

2023 Held vs. MT Court Decision

124 Yr Avg **47.3**

Billings is 0.9° (F) above its 124 year average and trending colder.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of NOAA Temperatures in Glasgow, Montana (Table 1-7)

Unaltered Monthly Mean Avg Temperature (F) for Glasgow, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	19.7	6.2	29.4	51.1	61.6	70.3	71.0	69.0	53.9	47.0	19.5	22.0	43.4
1901	12.8	12.0	33.1	48.7	62.5	56.0	71.9	M	49.5	47.6	30.7	22.3	Incomplete
1902	M	M	29.8	42.3	M	57.7	67.9	67.9	55.0	45.3	27.7	2.0	Incomplete
1903	M	5.5	22.4	45.1	M	65.2	67.2	65.0	54.9	45.9	24.6	23.9	Incomplete
1904	12.3	0.3	M	41.4	54.6	63.2	70.3	64.2	54.9	42.7	M	M	Incomplete
1905	M	3.2	M	M	M	M	67.8	70.2	59.3	39.2	33.0	14.0	Incomplete
1906	11.9	17.8	22.1	49.0	50.6	61.2	69.4	66.2	60.3	45.2	26.5	9.9	40.8
1907	M	7.6	20.2	34.7	48.8	62.2	66.5	65.0	53.9	47.5	32.6	20.1	Incomplete
1908	21.1	M	27.1	M	M	M	M	M	M	M	M	M	Incomplete
1909	M	16.1	M	M	M	M	M	M	M	M	M	M	Incomplete
1910	M	M	M	M	M	M	M	M	M	M	29.1	M	Incomplete
1911	M	4.1	M	M	53.2	66.8	66.1	63.9	54.8	42.5	16.5	13.5	Incomplete
1912	1.0	11.7	10.3	43.1	51.1	63.2	65.4	63.0	49.6	42.2	34.7	23.7	38.2
1913	6.6	12.6	20.8	46.2	50.7	65.9	66.4	69.1	57.2	38.3	M	M	Incomplete
1914	M	M	M	M	55.0	62.8	74.6	66.8	58.3	48.1	35.5	10.1	Incomplete
1915	7.3	18.1	24.8	53.9	54.7	58.6	64.0	70.2	52.6	50.1	33.8	18.9	42.3
1916	-11.7	10.4	24.6	43.3	49.4	58.4	72.0	65.8	54.9	39.5	28.8	0.9	**36.4**
1917	5.5	2.8	17.3	39.2	53.8	61.6	74.1	67.4	59.6	40.5	38.1	3.5	38.6
1918	2.4	8.9	32.2	41.8	55.0	68.5	70.4	69.1	57.9	48.3	26.5	26.0	42.3
1919	25.2	15.1	13.5	46.3	58.0	71.3	74.0	70.6	61.3	34.1	17.1	7.0	41.1
1920	8.0	M	26.5	36.0	56.4	63.6	73.6	71.8	61.0	45.2	29.7	18.8	Incomplete
1921	21.4	24.1	27.7	42.2	56.8	70.0	71.4	71.5	54.9	48.6	24.6	16.2	44.1
1922	9.4	-2.2	22.5	43.5	56.3	66.7	69.0	72.1	61.5	47.4	31.6	4.3	40.2
1923	14.6	6.9	27.0	42.5	55.2	66.3	73.3	65.3	59.1	44.4	35.3	21.6	42.6
1924	3.6	24.6	27.9	42.2	52.5	60.8	69.9	65.9	56.8	48.2	30.5	6.9	40.8
1925	13.7	20.4	27.7	48.6	57.0	63.3	70.7	70.2	57.3	33.4	31.3	19.8	42.8
1926	17.5	27.0	33.3	45.8	58.8	62.7	75.1	68.6	52.4	46.3	26.0	10.4	43.7
1927	9.7	11.8	30.1	45.5	50.8	63.5	70.1	67.0	57.5	47.9	20.5	-2.7	39.3
1928	10.9	16.2	32.4	40.9	60.7	60.2	70.3	65.8	56.3	43.0	30.4	19.9	42.3
1929	-2.3	2.5	35.6	43.1	52.5	63.9	74.5	72.0	54.3	48.4	30.2	11.2	40.5
1930	-3.1	25.9	30.9	52.5	55.4	64.5	75.2	73.6	57.3	38.7	26.7	19.9	43.1
1931	19.0	32.3	29.7	47.3	58.9	69.9	71.1	69.8	60.0	45.9	28.1	18.7	45.9
1932	12.0	17.0	22.4	48.3	57.2	66.3	71.7	70.3	57.4	41.8	25.2	14.0	42.0
1933	16.4	10.0	34.9	41.8	54.5	70.3	74.4	70.0	59.9	42.2	32.4	11.1	43.2
1934	18.0	26.9	31.7	47.3	64.0	63.5	73.1	69.6	53.7	50.4	32.3	14.2	45.4
1935	2.3	15.3	26.0	41.4	51.4	63.9	74.5	67.9	60.2	45.1	23.1	20.0	40.9
1936	-1.5	-15.8	27.5	40.6	63.2	68.6	81.2	72.2	61.7	45.8	28.2	14.9	40.6
1937	-8.8	7.7	27.6	45.0	60.1	66.8	75.3	71.9	60.2	47.9	29.6	17.5	41.7
1938	17.5	7.0	31.9	42.9	53.8	65.7	71.4	68.9	65.1	49.3	27.3	21.7	43.5
1939	20.1	5.0	28.7	47.2	59.4	58.9	73.9	68.6	60.7	43.3	34.3	26.5	43.9
1940	2.5	16.3	26.6	38.8	59.2	65.4	71.4	71.1	64.0	51.3	20.2	21.9	42.4
1941	14.2	19.3	31.5	45.1	59.7	64.5	73.9	70.2	54.3	44.7	30.5	22.7	44.2
1942	15.5	15.1	32.4	46.5	52.1	59.7	69.3	67.9	56.9	46.6	27.4	15.8	42.1
1943	-0.7	16.9	20.2	49.8	52.5	59.6	70.6	70.5	58.8	50.5	34.7	25.6	42.4
1944	25.4	21.7	21.1	47.7	60.0	61.6	70.0	67.2	59.4	52.3	26.7	20.5	44.5
1945	15.8	19.3	35.2	40.9	51.2	59.3	73.4	69.6	54.3	47.7	23.4	13.0	41.9
1946	16.6	17.5	40.2	52.1	53.2	64.2	74.6	67.9	57.0	42.2	24.1	15.4	43.8
1947	18.7	12.3	22.3	44.6	53.5	61.7	76.5	70.9	57.0	51.3	27.2	24.7	43.4
1948	22.1	11.6	25.6	44.5	57.9	64.2	71.0	72.8	63.4	48.1	32.5	9.9	43.6
1949	2.3	4.4	28.7	52.4	60.8	65.2	70.9	73.8	57.5	43.5	40.3	8.5	42.4
1950	-14.2	13.6	19.9	38.9	52.3	61.6	68.7	65.4	58.1	47.9	24.1	15.7	37.7
1951	6.4	7.9	12.7	40.1	57.7	59.8	71.8	66.5	53.4	42.8	27.1	7.9	37.8
1952	4.6	14.3	18.0	51.2	57.8	65.0	68.4	68.9	62.1	45.7	30.9	19.2	42.2
1953	17.3	23.4	29.7	38.0	51.7	64.2	71.9	71.4	59.9	53.1	38.3	26.4	45.4
1954	1.0	31.6	23.0	38.4	53.1	61.1	73.9	68.8	56.8	45.9	41.2	28.6	43.6
1955	12.6	11.5	21.8	46.4	54.1	63.6	73.2	73.3	56.7	49.8	14.4	8.0	40.4
1956	5.6	9.9	26.2	38.7	55.1	67.6	68.7	67.1	57.7	47.3	32.8	20.9	41.5
1957	0.5	12.5	29.5	41.0	57.0	63.3	74.6	69.2	57.7	42.5	33.0	28.1	42.4
1958	25.0	13.7	27.4	44.8	61.5	60.8	66.9	72.6	58.6	47.4	25.9	15.2	43.3
1959	5.5	3.1	32.0	42.4	50.7	65.6	71.7	69.0	55.8	40.1	22.8	26.1	40.4
1960	9.0	12.9	22.8	42.5	55.2	62.3	75.5	68.6	60.2	48.0	28.4	17.4	41.9
1961	18.7	24.8	37.8	39.7	56.4	71.5	72.9	75.0	51.0	44.7	27.5	10.4	44.2
1962	11.9	12.8	19.3	47.2	53.6	64.8	66.6	68.5	56.9	49.0	38.8	24.5	42.8
1963	3.2	23.3	37.9	43.3	52.8	63.6	72.0	70.8	65.1	53.9	31.9	16.4	44.5
1964	20.9	27.6	24.0	44.6	57.0	63.9	74.3	67.9	55.0	49.3	27.1	1.3	42.7
1965	6.4	11.1	10.4	41.7	53.1	61.9	71.0	69.4	48.1	52.2	26.8	22.7	39.6
1966	-1.2	7.8	32.0	37.7	55.3	62.3	71.6	65.4	62.0	45.8	23.9	18.8	40.1
1967	12.5	15.0	21.7	37.0	50.9	60.6	71.0	70.5	62.2	46.3	30.6	15.8	41.2
1968	11.2	18.5	38.1	42.0	52.0	60.4	69.0	65.0	57.6	45.7	32.9	9.8	41.9
1969	-7.0	8.2	18.3	47.6	53.8	58.3	66.1	73.4	61.9	38.7	34.5	22.7	39.7
1970	6.9	18.4	24.4	39.4	54.1	67.4	72.6	72.1	56.1	42.8	26.7	12.0	41.1
1971	5.0	14.3	24.5	44.9	55.8	65.0	68.8	77.1	56.5	44.3	32.3	10.1	41.6
1972	4.3	10.5	30.3	44.3	55.5	65.6	64.7	71.0	53.6	42.0	32.8	6.0	40.1
1973	18.0	23.6	38.9	41.6	56.2	65.6	69.8	72.9	56.6	49.2	21.3	15.7	44.1
1974	10.4	25.4	29.6	47.4	50.7	66.1	73.3	63.9	55.4	49.2	33.2	25.1	44.1
1975	18.5	12.6	24.6	35.9	52.8	62.4	73.1	64.9	56.3	44.9	30.1	18.4	41.2
1976	13.8	29.5	29.3	47.7	58.1	62.5	70.3	70.0	59.7	42.2	26.4	18.9	44.0
1977	3.1	26.5	33.5	48.2	58.3	65.6	69.1	61.2	55.2	46.0	24.5	8.3	41.6
1978	-2.1	7.4	24.5	43.8	54.7	62.6	67.1	65.9	58.5	45.4	21.3	9.2	38.2
1979	-4.2	1.5	23.3	36.3	50.3	64.3	72.1	69.6	62.5	49.0	26.9	26.5	39.8
1980	7.3	16.4	27.9	51.9	61.1	66.1	72.2	64.6	57.8	47.6	36.3	18.2	44.0
1981	25.2	25.8	38.9	48.1	56.7	60.6	71.7	73.1	60.7	44.0	37.1	17.7	46.6
1982	-5.0	9.7	24.5	40.5	51.2	62.2	69.7	69.3	56.8	45.2	25.7	19.0	39.1
1983	20.6	27.1	33.6	43.1	51.7	63.3	71.7	76.5	55.3	47.7	32.9	-3.2	43.4
1984	18.6	34.2	31.9	47.6	55.4	64.6	74.5	74.4	51.8	41.9	30.0	6.9	44.3
1985	8.5	14.9	33.6	48.6	58.9	60.6	72.2	64.5	50.5	43.1	9.7	12.7	39.8
1986	22.0	10.4	40.4	43.6	55.8	68.9	69.1	69.4	52.2	48.2	25.0	24.9	44.2
1987	24.0	31.0	33.3	52.1	59.8	68.1	70.3	64.5	60.4	44.9	36.9	25.2	**47.5**
1988	10.2	18.2	35.6	47.0	62.5	76.8	73.5	70.4	57.6	46.8	29.1	19.0	45.6
1989	14.3	3.7	22.9	43.5	55.3	63.9	75.1	70.2	58.4	45.5	31.9	14.3	41.6
1990	23.2	22.4	35.3	43.9	55.3	66.1	70.5	72.0	64.0	45.2	30.9	10.0	44.9
1991	8.0	31.9	33.7	45.7	56.3	65.5	71.3	75.0	58.8	41.8	27.6	24.9	45.0
1992	26.6	30.4	39.3	46.1	57.8	65.2	64.1	66.2	56.8	45.8	31.7	12.9	45.2
1993	4.9	7.5	34.4	45.8	57.7	61.2	62.7	64.5	54.3	44.8	25.1	23.3	40.5
1994	7.6	5.1	36.3	44.6	57.7	63.0	70.1	70.6	62.6	45.2	29.6	20.4	42.7
1995	13.2	25.0	29.5	38.6	52.5	64.8	68.2	69.9	57.1	44.3	27.0	11.5	41.8
1996	-0.6	17.7	18.9	42.5	50.0	65.3	70.3	72.6	55.5	43.2	16.5	6.1	38.2
1997	2.9	18.7	27.1	40.2	53.6	67.7	69.8	69.9	62.8	45.3	29.3	26.1	42.8
1998	10.5	32.2	27.4	48.0	57.6	59.6	73.8	74.7	65.8	46.8	33.2	17.6	45.6
1999	12.6	26.2	35.3	44.9	53.2	61.9	68.1	70.9	54.2	45.9	39.9	29.1	45.2
2000	16.8	22.1	36.3	44.2	56.0	60.8	72.5	70.6	58.1	45.9	18.4	8.0	42.5
2001	20.0	8.1	32.6	44.9	57.0	62.2	71.0	72.9	61.5	44.4	36.1	20.0	44.2
2002	18.0	24.5	13.1	38.3	49.9	63.9	73.3	65.4	59.3	36.0	33.8	23.7	41.6
2003	16.2	15.2	26.3	48.0	54.4	62.9	74.3	76.0	57.0	50.1	20.3	19.5	43.4
2004	6.3	13.6	34.1	47.4	50.9	58.6	69.1	64.6	58.8	43.6	32.7	23.4	41.9
2005	7.1	25.9	35.5	47.7	52.5	64.1	72.3	68.6	60.1	46.7	33.8	15.9	44.2
2006	29.2	20.9	30.4	48.9	57.9	66.5	77.2	71.7	57.8	40.1	28.9	21.4	45.9
2007	19.0	14.9	39.1	43.5	56.0	65.9	78.4	70.4	58.6	46.4	31.1	19.1	45.2
2008	13.9	15.8	32.8	41.5	53.9	60.8	71.2	70.6	57.7	45.0	34.4	7.2	42.1
2009	9.8	14.1	25.5	42.8	53.7	62.6	68.7	67.6	65.4	39.0	36.7	3.0	40.7
2010	11.8	9.7	32.9	45.7	50.4	63.0	69.4	69.7	56.7	48.4	25.5	9.8	41.1
2011	9.7	8.2	19.9	40.7	51.4	61.2	72.3	71.8	62.1	49.4	29.5	23.8	41.7
2012	23.0	21.8	42.2	47.3	53.3	64.7	76.2	71.0	61.1	41.4	27.1	15.6	45.4
2013	15.0	24.2	24.3	38.2	57.4	63.6	70.0	72.5	63.6	43.3	27.9	7.4	42.3
2014	18.2	10.7	27.5	42.5	54.9	61.8	71.6	69.7	57.8	48.9	21.0	22.3	42.2
2015	19.5	19.1	39.9	45.8	53.7	67.4	71.7	70.3	61.0	50.0	31.9	21.4	46.0
2016	16.4	31.6	39.8	46.4	56.4	66.0	69.9	69.0	58.3	44.9	39.8	12.0	45.9
2017	10.7	22.8	34.0	45.4	56.6	65.8	77.2	69.4	58.9	44.8	28.8	17.1	44.3
2018	10.9	1.0	23.9	39.5	62.7	67.1	73.4	71.5	55.7	44.1	29.5	22.9	41.9
2019	22.2	-3.4	22.6	46.8	52.7	65.7	71.7	70.2	59.4	40.1	28.0	20.4	41.4
2020	18.2	24.0	33.4	41.3	56.5	65.9	71.6	73.3	60.1	39.2	31.6	27.2	45.2
2021	27.3	10.8	39.4	44.4	53.4	72.4	79.2	71.2	63.6	50.0	36.9	11.9	46.7
2022	16.9	22.7	32.8	39.8	54.9	65.7	75.6	77.0	65.9	50.1	21.9	7.4	44.2
2023	15.9	19.9	16.8	39.9	63.0	68.9	73.0	73.9	65.8	44.3	34.9	31.4	45.6
1900-2023	**11.3**	**15.5**	**28.4**	**44.1**	**55.3**	**64.1**	**71.4**	**69.5**	**58.0**	**45.4**	**29.1**	**16.4**	**42.4**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	16.2	17.0	30.8	43.8	54.9	64.4	72.8	70.8	59.9	44.9	30.4	17.6	43.6
2014-2023	17.6	15.9	31.0	43.2	56.5	66.7	73.5	71.6	60.7	45.6	30.4	19.4	44.3
2019-2023	***20.1***	***14.8***	***29.0***	***42.4***	***56.1***	***67.7***	***74.2***	***73.1***	***63.0***	***44.7***	***30.7***	***19.7***	***44.6***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column
Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

DATA FROM Glasgow #2 (1900 - 1947)
DATA FROM Glasgow Airport (1948 - 2023)
2017 Montana Climate Assessment Report (1950-2015)
Back when it was called weather
Ice Age Narrative
Global Warming Narrative
Climate Change Narrative
Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's **42.1**

Avg Temps for each Decade in Glasgow

June 6, 1912 Mt Novarupta, Alaska

1910's **39.8**

1916 Coldest year recorded in Glasgow

1920's **41.8**

1930's **43.0**

1940's **43.1**

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts on the third lowest 2 year trend in 124 years.

1950's **41.5**

1961-62 Peak of Nuclear Weapons Testing

1960's **41.9**

1970's **41.6**

May 18, 1980 - Mt Saint Helens, WA

1980's **43.6**

1987 Hottest year recorded in Glasgow
June - Nov 1988 Yellowstone Fires

June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's **43.2**

2000's **43.2**

2017 Montana Climate Report ends on the second highest 2 year trend in 124 years.

2010's **43.2**

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

2023 Held vs. MT Court Decision

124 Yr Avg **42.4**

Last 25 yrs **43.6**
Last 10 yrs **44.3**
Last 5 Yrs **44.6**

Glasgow is trending 2.2° (F) above its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of NOAA Temperatures in Glendive, Montana (Table 1-8)

Unaltered Monthly Mean Avg Temperature (F) for Glendive, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	27.4	M	29.6	54.2	63.7	72.5	72.4	72.2	55.7	49.9	23.3	28.1	Incomplete
1901	M	M	M	M	M	M	M	M	53.4	49.9	M	M	Incomplete
1902	M	M	M	M	M	59.5	69.6	68.9	55.4	47.0	29.9	8.9	Incomplete
1903	16.2	2.1	23.3	43.6	51.8	64.7	67.1	66.3	53.1	48.3	28.5	23.4	40.7
1904	11.7	1.6	16.4	40.8	53.2	60.2	68.0	66.7	55.6	46.1	35.1	18.3	39.48
1905	3.2	6.5	34.1	41.5	49.1	M	M	M	M	M	M	M	Incomplete
1906	M	M	25.4	53.5	54.2	63.8	73.2	M	M	M	29.3	M	Incomplete
1907	-0.9	19.5	31.7	40.1	48.4	64.8	69.1	70.5	58.1	49.1	31.9	23.5	42.2
1908	22.8	18.8	M	M	53.5	62.5	72.3	M	M	44.9	38.4	23.7	Incomplete
1909	10.3	21.3	31.4	38.4	54.6	65.6	71.8	74.5	M	42.4	33.3	10.2	Incomplete
1910	15.7	8.2	45.0	54.4	54.1	69.5	75.8	M	M	M	M	M	Incomplete
1911	M	M	38.3	45.4	58.1	71.5	67.1	65.0	57.6	44.9	21.0	20.6	Incomplete
1912	8.9	18.7	15.8	47.0	54.8	65.0	68.0	67.4	51.6	46.6	36.4	28.3	42.4
1913	12.7	16.6	20.7	49.3	54.6	69.3	71.6	72.5	59.2	40.9	36.3	25.1	44.1
1914	22.6	11.8	31.2	45.8	55.7	M	76.5	67.6	M	M	36.7	11.8	Incomplete
1915	13.9	21.6	28.0	55.2	56.0	59.9	65.4	70.1	55.1	50.3	36.9	23.9	44.7
1916	-6.0	14.6	31.9	45.5	53.7	60.9	74.2	68.7	58.2	43.5	34.1	7.0	40.5
1917	12.2	5.6	23.8	41.8	53.7	61.6	75.2	67.8	59.3	42.7	40.7	8.8	41.1
1918	8.7	16.3	38.1	43.4	56.2	69.6	71.0	69.0	57.5	50.6	30.3	23.7	44.5
1919	29.1	14.2	21.8	43.4	58.5	74.0	75.1	73.2	M	33.8	18.9	15.5	Incomplete
1920	13.7	20.2	M	M	49.2	63.9	73.6	72.8	59.5	M	30.6	20.0	Incomplete
1921	23.9	29.2	28.6	43.2	54.1	72.4	74.3	72.2	58.8	48.4	27.6	17.1	45.8
1922	14.7	2.1	25.6	43.0	57.3	68.8	M	74.2	62.8	48.4	M	11.9	Incomplete
1923	21.3	9.4	M	M	M	67.9	76.7	67.9	62.6	46.0	40.7	27.5	Incomplete
1924	M	26.5	28.9	42.8	53.1	M	71.2	67.0	M	50.8	33.3	8.9	Incomplete
1925	14.2	27.2	33.1	51.7	59.0	65.9	72.5	71.9	60.6	36.0	M	M	Incomplete
1926	23.0	31.5	34.2	48.3	61.6	66.4	76.3	71.1	55.1	48.8	27.8	14.6	46.6
1927	14.5	18.9	34.4	45.9	51.7	64.6	71.2	68.2	59.5	48.1	25.6	-0.6	41.8
1928	18.5	23.5	35.1	41.5	62.8	61.4	72.1	69.1	57.2	46.4	34.2	23.0	45.4
1929	0.7	8.1	36.7	44.3	53.5	65.3	75.6	73.5	55.5	49.7	31.1	14.1	42.3
1930	1.5	29.4	31.8	53.5	54.1	65.5	77.2	73.7	60.1	41.3	31.9	26.0	45.5
1931	27.6	33.8	31.2	48.8	58.4	72.7	74.4	72.1	64.0	48.8	31.2	22.1	48.8
1932	12.9	19.5	24.8	49.7	59.9	69.6	74.8	73.1	59.9	41.2	31.1	16.2	44.4
1933	17.4	12.7	35.4	44.2	55.7	73.4	78.0	72.5	62.3	46.2	36.4	16.2	45.9
1934	24.2	29.6	33.7	49.7	67.8	67.9	77.5	72.5	55.8	52.5	37.1	20.6	49.1
1935	11.3	28.9	32.5	43.7	52.9	65.0	78.4	70.7	61.2	46.3	26.5	21.9	44.9
1936	4.7	-10.4	31.9	43.3	65.0	73.4	83.9	75.7	64.4	48.4	34.6	20.4	44.6
1937	-3.4	13.0	31.6	45.6	62.0	67.7	76.9	75.5	64.1	50.2	31.2	18.4	44.4
1938	21.7	11.2	36.2	46.6	56.1	69.7	74.2	71.7	66.5	53.5	30.5	25.2	46.9
1939	24.6	8.1	30.7	48.8	63.0	61.5	77.1	71.0	62.4	46.8	37.7	30.7	46.9
1940	4.0	18.4	32.4	40.8	58.8	65.9	75.1	72.1	65.8	52.1	23.4	25.4	44.5
1941	18.1	22.4	31.5	44.8	60.6	66.1	75.3	72.3	55.5	45.3	34.7	26.1	46.1
1942	21.7	18.8	33.5	48.5	52.4	61.7	71.7	69.5	57.6	48.8	31.9	22.3	44.9
1943	6.4	23.1	27.5	54.4	54.3	62.8	74.0	72.7	60.3	51.7	34.8	28.5	45.9
1944	27.2	17.9	22.8	47.4	62.3	64.3	72.1	69.9	62.3	52.7	30.1	24.0	46.1
1945	21.6	24.9	36.6	43.6	54.0	61.4	74.6	73.3	57.9	50.7	29.1	16.3	45.3
1946	24.6	23.8	43.5	55.3	54.8	67.0	76.3	70.8	59.9	44.5	29.9	21.5	47.7
1947	23.2	16.8	26.6	45.0	55.8	63.1	76.5	75.0	61.0	54.3	30.0	25.5	46.1
1948	22.3	17.0	28.8	48.2	61.8	65.5	71.7	71.5	65.4	47.4	33.1	13.7	45.5
1949	0.6	1.8	26.0	49.1	60.2	66.1	71.4	73.3	56.3	43.6	42.0	13.6	42.0
1950	-7.6	16.5	22.9	38.3	51.9	62.0	69.5	65.4	58.6	48.5	26.5	21.0	**39.46**
1951	13.5	21.6	20.3	42.2	58.6	61.6	71.9	68.3	55.0	45.9	29.6	11.7	41.7
1952	8.1	22.3	20.9	53.8	60.2	68.4	71.8	71.0	63.9	47.6	32.6	23.6	45.4
1953	24.7	27.8	33.9	40.4	53.9	66.9	73.7	72.6	61.8	53.9	39.7	29.9	48.3
1954	8.6	38.3	28.6	44.6	56.3	63.6	76.5	71.0	59.2	48.4	42.9	29.9	47.3
1955	20.2	17.1	28.2	50.7	58.8	64.2	74.9	74.2	57.4	49.6	19.3	16.3	44.2
1956	11.9	18.7	35.0	42.4	59.7	73.3	70.8	69.5	59.5	50.8	36.5	27.5	46.3
1957	6.4	19.9	32.9	44.2	59.5	64.7	76.6	72.4	60.5	48.5	36.3	33.4	46.3
1958	28.8	21.3	30.4	48.0	65.3	63.5	69.1	74.2	61.8	49.0	33.3	20.7	47.1
1959	13.6	8.8	37.7	45.4	55.2	70.1	74.4	73.1	60.5	45.0	28.6	30.5	45.2
1960	17.0	20.3	27.5	47.4	57.9	66.0	78.6	72.2	63.2	50.3	33.0	22.7	46.3
1961	25.0	29.4	40.7	43.3	58.9	73.9	75.4	77.3	54.5	49.6	33.8	17.1	48.2
1962	16.9	19.9	27.3	50.8	57.1	68.2	70.4	71.6	59.8	52.5	39.7	27.4	46.8
1963	6.3	26.1	40.0	44.7	58.0	68.3	76.6	74.2	68.0	57.5	37.7	18.8	48.0
1964	24.5	28.6	29.0	48.9	61.3	67.5	77.9	70.7	57.9	51.7	26.6	5.9	45.9
1965	9.6	15.7	16.0	45.3	56.5	66.6	74.0	71.6	49.6	54.3	33.6	28.0	43.4
1966	4.5	12.6	35.3	42.0	59.7	66.5	78.2	70.3	66.0	50.2	25.3	22.1	44.4
1967	20.6	23.3	31.1	43.2	54.7	64.8	73.6	73.5	65.5	51.0	35.7	18.9	46.3
1968	16.1	21.6	41.7	45.8	55.8	64.6	73.2	70.0	61.8	50.8	36.2	13.8	45.9
1969	0.4	17.1	26.6	54.2	59.2	62.6	71.6	77.1	65.8	42.7	37.6	24.7	45.0
1970	10.5	24.3	28.7	41.5	57.7	71.1	76.1	76.0	59.3	45.7	31.1	17.1	44.9
1971	8.9	19.0	32.3	46.9	58.8	68.4	71.7	78.9	59.9	47.1	34.8	13.6	45.0
1972	8.9	14.4	33.0	47.0	58.3	69.7	69.0	73.6	58.3	46.0	34.3	15.1	44.0
1973	21.1	26.8	41.3	45.7	57.8	68.7	73.4	75.9	59.6	52.4	29.3	22.1	47.8
1974	16.0	31.0	34.3	49.8	53.1	69.4	77.9	66.9	58.6	51.7	35.0	27.9	47.6
1975	22.5	18.1	27.7	40.0	56.3	66.1	76.6	70.0	59.7	48.2	32.7	20.9	44.9
1976	17.6	32.6	32.4	50.3	61.0	67.8	76.0	74.7	65.0	46.5	29.9	23.3	48.1
1977	4.6	31.5	37.6	53.3	65.7	72.3	76.4	66.6	60.7	50.6	28.6	15.7	47.0
1978	2.9	11.6	31.8	48.1	59.5	67.9	72.3	71.8	64.8	50.9	25.1	13.3	43.3
1979	0.7	7.8	29.7	41.1	M	M	M	72.4	66.3	52.9	30.6	28.1	Incomplete
1980	14.7	24.6	32.8	53.7	64.2	M	76.7	68.7	61.4	49.9	39.1	22.6	Incomplete
1981	29.9	28.9	41.3	52.0	59.7	65.2	75.7	75.8	64.5	48.6	38.5	22.5	**50.22**
1982	0.4	16.3	29.8	43.2	55.3	65.1	74.0	75.0	60.5	49.1	29.8	21.6	43.3
1983	26.4	32.9	36.4	45.5	55.4	66.8	78.2	82.0	60.9	50.5	35.3	2.1	47.7
1984	23.7	35.4	33.1	48.1	58.3	67.7	77.3	77.8	56.1	45.8	32.3	8.8	47.0
1985	M	M	M	M	M	M	M	M	M	45.0	12.6	M	Incomplete
1986	M	12.8	M	M	54.9	M	69.6	M	53.5	47.9	26.4	M	Incomplete
1987	24.4	31.4	34.4	51.8	M	70.8	71.9	66.9	61.1	45.8	38.9	26.6	Incomplete
1988	14.0	M	35.7	47.2	63.5	80.2	75.6	72.2	58.6	48.5	31.8	23.0	Incomplete
1989	18.4	6.8	25.6	45.2	55.7	64.1	76.8	73.2	58.8	47.9	34.3	15.6	43.5
1990	26.2	24.1	35.6	46.3	55.7	67.1	73.1	73.6	65.2	46.6	36.4	14.5	47.0
1991	10.6	32.8	34.8	46.0	57.3	68.0	72.5	74.4	59.6	42.7	28.3	26.4	46.1
1992	28.2	31.2	39.5	45.1	58.3	65.4	64.8	65.4	58.7	47.7	32.4	17.4	46.2
1993	8.0	12.4	35.0	45.3	58.2	61.3	64.0	66.5	53.8	45.7	27.5	27.7	42.1
1994	12.2	8.2	M	46.7	59.6	66.3	70.1	72.3	63.8	48.3	31.3	21.4	Incomplete
1995	17.8	28.4	29.0	40.9	53.2	68.0	71.4	73.1	59.4	48.0	30.4	18.5	44.8
1996	9.7	22.1	21.3	43.7	51.6	67.5	71.6	73.6	59.2	45.5	19.9	9.8	41.3
1997	7.7	28.7	32.2	40.1	55.3	71.1	71.6	71.3	64.0	48.0	32.4	29.3	46.0
1998	15.8	33.9	25.1	49.1	58.5	60.0	76.0	75.8	68.3	49.2	35.0	24.6	47.6
1999	16.0	32.1	40.5	46.2	56.4	64.4	72.0	72.0	55.8	46.9	42.1	31.1	48.0
2000	21.6	25.7	39.7	45.8	58.3	63.4	75.8	73.9	61.0	49.1	21.9	11.8	45.7
2001	23.8	14.0	35.0	46.2	58.2	64.7	75.0	M	64.8	48.9	39.4	24.4	Incomplete
2002	25.4	M	19.2	42.8	54.2	67.6	79.7	71.0	64.3	41.0	38.6	27.4	Incomplete
2003	20.4	21.3	29.8	52.8	58.4	65.0	77.5	79.1	60.9	54.0	25.9	26.4	47.6
2004	14.4	20.5	41.4	51.0	56.1	64.0	75.2	69.5	64.2	48.9	38.2	29.2	47.7
2005	12.4	30.9	40.7	52.5	55.2	68.4	77.1	71.7	65.1	50.7	39.4	21.5	48.8
2006	33.9	28.1	35.0	52.3	61.1	70.1	80.9	75.5	60.2	44.2	34.8	26.2	50.19
2007	24.8	19.9	42.7	46.5	61.0	70.8	81.2	75.3	64.0	51.5	36.4	22.1	49.7
2008	17.4	20.7	36.1	46.1	56.8	64.3	74.7	74.2	59.7	48.2	37.6	12.7	45.7
2009	18.7	25.3	32.2	46.3	56.6	62.5	66.3	66.9	66.8	41.1	39.3	9.4	44.3
2010	13.8	13.5	36.7	48.5	54.0	66.2	72.8	72.9	59.6	51.7	30.3	13.5	44.5
2011	15.1	13.9	27.1	44.5	M	64.2	75.5	73.5	62.9	52.4	34.5	30.2	Incomplete
2012	28.6	25.0	46.5	50.8	57.0	68.4	78.9	72.0	63.8	45.4	33.4	22.3	49.3
2013	21.8	30.3	30.3	39.3	58.1	65.1	73.0	72.4	67.1	46.9	30.9	13.9	45.8
2014	21.1	14.6	31.1	44.5	57.5	64.9	71.8	M	60.0	51.2	26.2	26.0	Incomplete
2015	23.0	24.2	42.2	48.9	54.3	69.0	74.0	72.8	64.6	51.9	34.8	26.6	48.9
2016	23.1	36.0	42.4	48.7	59.3	M	M	M	62.4	49.8	42.8	14.5	Incomplete
2017	14.3	26.4	38.1	48.0	59.6	68.4	79.7	70.9	61.7	49.9	33.3	23.1	47.8
2018	15.7	6.1	29.6	41.6	62.3	68.3	73.5	71.1	58.5	45.3	33.1	28.8	44.5
2019	22.8	1.5	26.2	48.1	52.0	66.1	71.7	71.5	61.6	42.9	33.6	26.3	43.7
2020	23.7	M	M	M	M	M	M	M	M	M	M	M	Incomplete
2021	M	M	M	M	M	M	80.2	73.3	66.7	51.6	39.1	19.7	Incomplete
2022	21.5	24.7	35.6	40.0	57.3	66.9	76.4	76.7	67.4	51.3	26.3	11.5	46.3
2023	22.6	22.3	19.9	36.9	60.6	66.6	70.8	72.5	63.1	44.0	34.6	30.5	45.4
1900-2023	**15.8**	**20.1**	**31.8**	**46.4**	**57.2**	**66.6**	**73.9**	**72.0**	**60.5**	**48.0**	**32.5**	**20.5**	**45.4**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	20.7	21.7	34.7	46.4	57.5	66.3	75.4	72.8	62.8	48.3	34.4	22.0	46.9
2014-2023	20.9	19.5	33.1	44.6	57.9	67.2	74.8	72.7	62.9	48.7	33.8	23.0	46.6
2019-2023	***22.7***	***16.2***	***27.2***	***41.7***	***56.6***	***66.5***	***74.8***	***73.5***	***64.7***	***47.5***	***33.4***	***22.0***	***45.6***

Temperature is at least 5° higher than the 124 year avg temperature in the corresponding column
Temperature is at least 5° lower than the 124 year avg temperature in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

DATA FROM Glasgow #2 (1900 - 1947)
DATA FROM Glasgow Airport (1948 - 2023)
2017 Montana Climate Assessment Report (1950-2015)
Back when it was called weather
Ice Age Narrative
Global Warming Narrative
Climate Change Narrative
Crisis Narrative

124 Yr Avg

Last 25 yrs
Last 10 yrs
Last 5 Yrs

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's **40.8**

Avg Temps for each Decade in Glendive

June 6, 1912 Mt Novarupta, Alaska

1910's **42.9**

1920's **44.4**

1930's **46.1**

1940's **45.4**

The 2017 Montana Climate Report dismisses temperatures from the first half of the century (1900-1949) and starts on the second lowest trend in 124 years

1950 Coldest year recorded in Glendive

1950's **45.1**

1961-62 Peak of Nuclear Weapons Testing

1960's **46.0**

1970's **45.8**

May 18, 1980 - Mt Saint Helens, WA
1981 Hottest year recorded in Glendive

1980's **46.3**

June - Nov 1988 Yellowstone Fires

June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's **45.5**

2000's **47.5**

2017 Montana Climate Report ends the assessment on a high year.

2010's **46.4**

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report Absurdly Predicts a **9.8(F) Increase** in Temperature by 2100 in Montana!

2023 Held vs. MT Court Decision

Glendive is trending 0.2° (F) above its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Precipitation in Kalispell, Montana (Table 2-1)

Monthly Total Precipitation (in) for Kalispell Glacier Airport, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
1900	0.84	0.99	0.56	1.33	3.90	1.40	0.75	1.48	3.02	0.76	3.74	0.88	19.65
1901	1.26	0.84	0.98	0.45	1.95	2.86	0.34	0.14	1.81	0.43	0.73	1.06	12.85
1902	0.77	1.67	0.46	0.59	4.50	1.51	2.65	0.95	0.76	0.16	2.95	2.24	19.21
1903	0.91	0.48	0.53	0.95	1.07	1.61	1.70	0.78	1.49	1.11	3.13	0.87	14.63
1904	1.48	1.90	1.94	0.70	0.79	0.60	0.78	1.15	0.40	0.43	0.26	0.78	11.21
1905	M	1.21	0.76	0.73	2.73	2.72	0.56	0.11	1.21	1.81	1.54	0.49	13.87 Incomplete
1906	1.14	0.41	0.72	0.46	2.68	1.03	0.22	1.98	0.23	0.75	1.79	2.09	13.50
1907	2.01	1.51	1.16	0.87	1.06	3.01	1.14	2.54	2.12	T	0.50	1.02	16.94
1908	1.70	0.81	1.92	M	4.21	2.48	1.44	0.88	2.01	1.53	0.35	0.47	17.80 Incomplete
1909	1.80	1.11	0.72	0.83	1.47	3.05	3.07	0.11	1.21	0.43	2.99	1.01	17.80
1910	0.78	2.06	1.45	0.86	1.67	0.40	0.43	0.67	2.31	1.29	1.68	0.52	14.12
1911	0.49	0.48	0.51	0.58	0.96	3.83	0.78	1.44	2.75	0.84	2.49	0.73	15.88
1912	1.69	0.48	0.37	0.61	0.76	2.59	1.56	1.03	0.68	0.41	0.83	0.69	11.70
1913	2.69	0.33	1.73	0.86	0.92	3.21	0.38	0.61	0.31	1.29	1.16	0.48	13.97
1914	1.31	1.68	1.17	1.21	0.60	2.51	0.69	1.31	1.21	3.40	1.58	0.40	17.07
1915	1.19	1.01	0.59	1.16	3.51	2.09	2.74	0.22	2.04	0.34	1.66	2.00	18.55
1916	1.95	1.06	2.43	0.73	1.11	3.91	1.76	1.96	1.63	0.62	0.80	1.70	19.66
1917	1.05	1.82	1.09	1.26	0.97	2.76	0.09	0.32	0.83	0.54	0.51	4.78	16.02
1918	1.82	M	0.76	0.63	0.43	0.58	1.47	0.96	1.59	0.91	0.23	0.87	10.25 Incomplete
1919	0.72	1.55	0.45	0.24	1.72	0.55	0.88	1.06	0.50	1.05	1.35	0.91	10.98
1920	0.85	0.26	0.92	1.48	1.15	0.95	0.98	2.61	0.70	1.25	0.43	1.23	12.81
1921	1.29	0.66	1.55	1.17	0.57	1.22	0.62	0.56	0.79	1.15	2.39	1.16	13.13
1922	0.74	0.60	0.77	1.86	0.76	0.54	0.81	0.76	0.52	1.05	1.06	1.50	10.97
1923	1.07	0.94	0.42	0.41	2.88	1.49	1.60	0.96	0.23	0.55	0.89	1.55	12.99
1924	0.91	0.51	0.74	0.01	0.39	3.24	0.97	0.74	0.90	0.32	1.61	2.49	12.83
1925	0.88	0.38	1.13	0.87	0.96	2.07	0.58	1.12	2.43	0.69	0.47	0.98	12.56
1926	1.15	0.63	0.20	0.21	1.23	1.20	0.20	2.23	2.14	0.67	2.01	1.48	13.35
1927	1.31	1.04	0.69	0.41	1.54	1.72	0.77	0.92	2.76	3.17	2.59	1.69	18.61
1928	1.15	0.14	0.74	1.80	0.61	2.51	1.49	1.14	0.04	0.82	0.50	1.00	11.94
1929	1.97	1.02	0.63	0.64	0.69	0.95	0.31	0.14	0.51	0.51	0.17	2.85	10.39
1930	0.80	0.62	0.35	1.32	1.87	2.52	1.02	0.23	2.67	1.61	2.49	0.35	15.85
1931	0.55	0.27	0.93	0.25	0.52	1.46	0.70	0.01	2.89	0.44	2.57	1.72	12.31
1932	1.18	0.65	1.75	1.06	1.96	0.50	0.68	1.85	0.15	1.35	1.34	0.96	13.43
1933	1.10	1.25	0.21	1.43	2.51	1.37	0.21	1.77	1.04	2.70	1.31	3.22	18.12
1934	0.88	0.06	2.72	0.68	1.22	M	0.27	0.07	0.71	2.26	0.97	0.94	10.78 Incomplete
1935	1.97	0.25	1.18	1.81	1.04	1.03	1.11	0.37	0.14	0.53	1.02	1.02	11.47
1936	1.93	2.10	1.50	1.33	0.40	1.73	0.45	0.47	1.04	1.00	0.42	1.68	14.05
1937	2.12	1.03	0.44	1.22	1.00	2.16	0.83	0.66	0.91	0.87	1.24	1.23	13.71
1938	0.71	1.07	0.94	0.37	1.72	1.17	1.06	0.56	1.14	0.80	1.27	1.13	11.94
1939	1.27	0.93	0.84	0.56	1.09	3.80	0.38	0.21	0.96	0.22	0.59	0.94	11.79
1940	0.58	2.13	1.10	1.49	1.08	0.83	2.26	0.02	1.69	1.05	2.02	0.81	15.06
1941	1.26	0.50	0.54	0.55	1.75	1.51	1.07	0.80	2.04	0.82	1.68	1.05	13.57
1942	0.79	1.48	0.49	1.43	3.92	4.13	2.72	0.90	0.31	0.74	2.39	1.51	20.81
1943	3.40	0.76	0.90	1.13	1.16	3.33	0.45	0.42	0.23	1.28	0.78	0.28	14.12
1944	0.27	0.51	0.84	0.97	1.48	1.46	0.60	1.34	0.75	0.10	1.47	0.63	10.42
1945	1.19	0.67	1.37	1.21	1.20	2.82	0.31	0.82	1.57	1.77	0.91	2.12	15.96
1946	1.07	0.73	0.55	0.51	1.40	1.81	0.97	0.77	1.30	3.18	1.99	1.82	16.10
1947	1.00	0.90	0.90	0.65	1.79	4.56	0.47	3.28	0.99	2.16	1.22	0.81	18.73
1948	0.86	1.27	1.24	1.92	4.36	2.76	3.15	2.33	0.10	0.40	1.50	1.02	20.91
1949	M	M	M	M	M	1.13	1.52	0.58	0.95	1.33	1.54	1.06	8.11 Incomplete
1950	2.08	1.18	1.87	0.79	0.43	3.56	2.74	1.24	0.54	2.58	0.96	2.11	20.08
1951	1.24	1.52	0.44	2.04	2.31	1.81	1.08	2.63	1.88	2.96	0.85	3.11	21.87
1952	1.10	0.52	0.68	0.31	1.68	3.26	0.72	1.02	0.12	0.15	0.63	0.96	11.15
1953	2.21	0.85	1.01	1.28	1.37	2.93	0.02	1.98	0.44	0.04	0.99	1.50	14.62
1954	2.74	0.75	0.69	0.45	1.05	1.98	2.09	3.04	0.81	0.50	0.87	0.32	15.29
1955	1.03	1.00	0.47	0.89	1.23	3.06	1.32	T	1.55	1.61	2.39	2.36	16.91
1956	1.52	1.27	0.89	1.35	1.44	2.92	2.32	1.93	0.92	0.88	0.55	1.08	17.07
1957	1.12	1.28	0.49	1.39	1.25	1.87	0.85	0.45	0.20	2.00	0.56	0.98	12.44
1958	1.46	1.93	0.72	1.42	1.80	2.20	0.86	0.22	1.84	0.60	2.65	2.30	18.00
1959	2.03	1.08	0.61	1.22	3.08	1.58	0.04	0.68	3.84	1.97	4.44	0.40	20.97
1960	1.30	0.83	1.11	0.82	3.34	0.62	0.03	2.31	0.33	1.00	1.59	0.96	14.24
1961	0.75	1.32	1.12	2.01	2.35	0.71	1.20	0.67	2.08	0.92	1.07	2.20	16.40
1962	0.97	0.92	1.09	1.05	2.04	0.82	0.16	0.95	0.42	1.25	1.00	0.81	11.48
1963	1.61	1.00	1.25	0.88	0.81	3.94	0.95	0.81	1.26	0.67	0.71	1.33	15.22
1964	1.24	0.50	1.26	0.60	2.56	3.56	1.69	1.77	1.87	0.95	2.13	4.23	22.36
1965	1.84	0.69	0.31	1.44	0.74	2.73	0.85	3.47	1.17	0.11	0.72	0.57	14.64
1966	1.61	1.02	0.79	0.65	1.63	4.72	0.37	1.05	0.29	0.88	2.52	1.58	17.11
1967	1.75	0.42	1.09	0.59	0.95	2.38	0.07	0.01	0.33	1.60	0.58	1.45	11.22
1968	1.01	1.00	0.43	0.26	2.59	2.16	0.46	3.10	3.33	1.50	1.55	2.56	19.95
1969	2.97	0.50	0.64	1.30	0.68	3.88	0.10	0.09	1.44	1.07	0.26	1.21	14.14
1970	3.11	1.27	0.84	0.68	2.18	2.58	1.59	0.34	0.90	1.20	1.29	1.39	17.37
1971	1.81	0.81	0.95	0.44	2.17	3.59	0.93	1.47	0.46	0.95	1.36	1.53	16.47
1972	1.58	1.57	1.14	0.86	1.50	1.69	1.51	1.03	0.76	0.84	0.55	1.60	14.63
1973	0.69	0.62	0.46	0.47	0.91	1.52	0.05	0.56	0.71	1.19	2.80	1.87	11.85
1974	1.94	1.02	1.39	1.92	1.06	1.75	0.64	0.70	1.18	0.12	1.04	1.21	13.97
1975	1.95	1.52	1.33	0.83	0.98	1.96	0.98	2.79	0.58	1.67	1.20	1.19	16.98
1976	1.36	1.40	0.35	0.97	1.79	1.69	1.64	3.78	0.36	0.38	0.47	0.65	14.84
1977	0.81	0.97	1.18	0.43	1.40	0.43	2.57	1.13	2.18	0.13	1.46	3.53	16.22
1978	2.30	0.71	0.67	2.37	2.47	0.91	1.50	2.64	0.80	0.07	1.43	0.87	16.74
1979	1.42	1.57	0.86	1.49	1.64	0.84	0.67	1.10	0.39	1.45	0.42	1.27	13.12
1980	2.15	1.92	0.86	1.52	3.90	2.96	0.81	1.60	0.74	0.78	0.49	2.54	20.27
1981	1.44	1.99	1.43	0.94	3.37	3.62	0.72	1.32	0.48	0.20	1.30	1.81	18.62
1982	2.66	1.60	0.92	1.32	0.78	4.05	1.59	0.82	1.92	0.52	1.43	1.88	19.49
1983	1.09	0.93	1.50	2.18	0.78	3.09	2.06	0.73	1.31	0.83	1.61	1.69	17.80
1984	0.78	0.66	1.34	1.53	1.56	1.77	0.51	0.88	1.88	1.85	1.77	1.22	15.75
1985	0.20	1.39	0.71	0.58	1.60	1.56	0.23	1.12	3.97	0.92	1.63	0.72	14.63
1986	2.22	1.87	0.32	0.83	2.45	2.17	1.42	0.68	2.78	0.51	1.84	0.52	17.61
1987	0.66	0.61	2.96	1.19	0.88	1.20	3.98	1.35	0.60	0.05	0.48	1.58	15.54
1988	0.97	0.84	0.80	0.94	2.83	1.49	0.87	0.29	2.10	0.46	1.03	2.32	14.94
1989	1.36	1.32	1.45	1.25	2.68	1.47	1.23	3.49	1.55	0.90	3.26	2.24	22.20
1990	1.79	0.95	1.12	1.48	4.75	1.16	2.37	2.27	0.01	2.07	1.58	4.38	23.93
1991	1.74	0.45	0.81	0.85	2.26	3.58	0.42	0.72	0.67	0.84	2.16	0.65	15.15
1992	1.17	0.79	0.94	1.02	1.18	3.65	2.37	0.71	1.02	0.71	1.59	1.99	17.14
1993	1.67	0.61	0.62	2.20	1.93	3.46	6.02	1.49	1.61	1.01	1.20	1.58	23.40
1994	1.09	1.38	0.08	1.45	1.55	2.00	0.24	0.05	0.45	2.37	1.07	0.91	12.64
1995	1.85	0.80	1.45	1.22	1.05	5.30	1.38	1.26	1.19	2.51	2.79	2.02	22.82
1996	2.59	1.45	1.77	2.34	4.34	1.56	0.70	0.79	1.71	1.48	3.23	3.27	25.23
1997	1.34	1.70	1.87	1.32	2.21	3.44	1.02	1.15	1.50	1.02	0.42	0.57	17.56
1998	1.03	0.28	2.23	1.18	4.25	3.53	2.30	0.34	1.32	0.82	1.72	2.01	21.01
1999	1.20	1.49	0.75	0.52	1.80	1.88	0.95	1.06	0.28	1.61	1.66	1.31	14.51
2000	1.11	1.22	0.99	0.80	1.13	1.55	0.48	0.26	1.39	0.41	0.37	0.79	10.50
2001	0.39	1.05	0.85	2.17	0.23	2.89	1.52	0.06	0.59	1.47	0.75	0.50	12.47
2002	0.65	0.50	0.95	0.66	2.38	1.93	1.37	1.20	1.23	0.08	0.73	1.24	12.92
2003	0.86	0.21	1.55	0.90	1.74	1.24	0.09	0.33	1.93	1.28	0.92	1.25	12.30
2004	1.83	0.42	0.53	1.61	1.17	1.23	1.86	2.49	1.91	1.48	0.65	1.21	16.39
2005	0.88	0.03	1.19	0.94	1.38	5.66	0.30	0.31	2.74	1.11	1.12	1.72	17.38
2006	2.29	1.21	0.62	1.69	1.35	3.49	1.25	0.62	1.18	0.69	1.60	1.29	17.28
2007	0.69	1.29	0.39	0.89	2.59	0.95	0.60	0.27	1.07	0.84	0.59	1.33	11.50
2008	1.03	0.47	0.79	0.50	1.46	2.22	1.81	0.94	1.26	0.43	1.30	2.30	14.51
2009	1.73	0.96	1.00	0.82	1.12	1.53	2.76	1.16	0.14	1.29	0.37	1.35	14.23
2010	1.59	0.43	0.61	1.95	2.43	4.20	0.92	1.39	1.81	0.53	2.53	2.22	20.61
2011	2.39	1.16	1.12	1.84	1.85	3.16	0.69	0.47	0.47	1.86	0.42	0.74	16.17
2012	1.37	1.04	1.65	1.31	1.90	6.20	0.74	0.30	0.44	2.66	1.53	1.19	20.33
2013	0.87	0.18	0.90	1.40	2.95	2.71	0.31	1.30	2.41	0.33	2.54	1.58	17.48
2014	1.35	1.09	2.44	1.17	1.20	5.24	0.39	1.46	1.14	1.19	2.54	2.35	21.56
2015	2.41	1.12	1.66	0.35	0.22	0.60	0.36	0.13	0.75	1.14	0.47	2.43	11.64
2016	1.48	0.82	1.29	1.58	3.12	1.34	1.51	1.08	0.87	4.86	0.62	1.75	20.32
2017	0.97	2.78	2.71	2.36	0.80	1.48	0.07	0.16	0.52	1.23	1.55	2.37	17.00
2018	1.42	1.56	0.76	1.48	1.42	1.95	0.28	0.19	0.56	1.57	1.03	0.78	13.00
2019	1.22	1.75	0.50	2.27	0.88	2.80	1.01	0.68	2.52	0.92	1.00	0.93	16.48
2020	1.77	0.52	0.30	1.23	3.16	4.40	0.37	0.29	0.37	2.65	1.80	1.21	18.07
2021	1.39	1.07	0.44	0.69	1.90	1.98	0.20	1.76	1.00	1.49	1.63	1.67	15.22
2022	1.16	1.34	1.49	0.98	1.17	4.73	0.54	0.14	1.08	0.53	1.61	2.04	16.81
2023	0.87	0.56	0.23	0.44	2.31	0.65	0.17	2.95	0.99	0.69	2.48	0.76	13.10
1900-2023	**1.39**	**1.00**	**0.99**	**1.07**	**1.75**	**2.30**	**1.07**	**1.08**	**1.20**	**1.11**	**1.39**	**1.46**	**15.82** 124 Yr Avg

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	1.32	0.97	1.03	1.22	1.67	2.64	0.82	0.84	1.15	1.29	1.27	1.45	15.67 Last 25 yrs
2014-2023	1.40	1.26	1.18	1.26	1.62	2.52	0.49	0.88	0.98	1.63	1.47	1.63	16.32 Last 10 yrs
2019-2023	***1.28***	***1.05***	***0.59***	***1.12***	***1.88***	***2.91***	***0.46***	***1.16***	***1.19***	***1.26***	***1.70***	***1.32***	***15.94 Last 5 Yrs***

Assessment Report (1950-2015) — 2017 Montana Climate

Back when it was called weather — Ice Age Narrative — Global Warming Narrative — Climate Change Narrative — Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Census Kalispell 2,526

1900's: 15.72

Avg Precip for each Decade in Kalispell

1910 Census Kalispell 5,549
June 6, 1912 Mt Novarupta, Alaska

1910's: 15.33

1920 Census Kalispell 5,147

1920's: 12.96

1927 Wettest year recorded in MT (21.73 in)
1930 Census Kalispell 6,094
1931 Driest year recorded in MT (9.97 in)

1930's: 13.63

1940 Census Kalispell 8,245
1940 Hottest year recorded in Kalispell

1940's: 16.19

The 2017 Montana Climate Report generally ignores data from the first half of the century (1900-1949) and starts its assessment in 1950

1950's: 16.84
1950 Census Kalispell 9,737

1960 Census Kalispell 10,151
1961-62 Peak of Nuclear Weapons Testing

1960's: 15.68

1970 Census Kalispell 10,526

1970's: 15.22

May 18, 1980 - Mt Saint Helens, WA
1980 Census Kalispell 10,648

1980's: 17.69
1986 Coldest year recorded in Kalispell

1990 Census Kalispell 11,917
June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's: 19.34

2000 Census Kalispell 14,223

2000's: 13.95

2010 Census Kalispell 19,927

2017 Montana Climate Report ends its assessment

2010's: 17.46
2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

2020 Census Kalispell 24,558
2023 Held vs. MT Court Decision

Kalispell is trending (+0.12 in) above its 124 year average.

Precipitation is at least 50% higher than the 124 year avg in the corresponding column
Precipitation is at least 50% lower than the 124 year avg in the corresponding column

*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Precipitation in Butte, Montana (Table 2-2)

Monthly Total Precipitation (in) for Butte Bert Mooney Airport, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
1900	0.30	1.05	1.20	2.75	2.90	0.66	1.13	0.48	1.40	2.08	0.20	0.40	14.55
1901	0.60	0.65	1.65	2.35	3.40	2.00	0.55	0.30	0.90	0.45	T	1.70	14.55
1902	T	1.00	0.75	1.35	3.20	0.75	1.15	0.25	0.10	0.20	0.65	0.90	10.30
1903	0.42	0.05	1.30	1.30	1.20	0.80	0.65	0.60	0.50	0.70	1.90	0.85	10.27
1904	1.40	2.92	2.05	0.30	1.02	1.00	2.00	0.35	0.00	0.05	0.12	1.35	12.56
1905	0.70	0.10	1.15	0.85	2.05	3.15	1.80	1.00	0.45	0.65	0.35	0.15	12.40
1906	1.10	1.70	0.90	1.70	3.64	1.95	0.20	2.20	0.50	0.01	0.80	0.95	15.65
1907	0.80	1.00	0.55	1.30	1.25	2.87	2.82	2.20	1.50	0.20	0.10	0.24	14.83
1908	0.50	0.75	0.90	0.40	5.67	4.22	0.70	0.75	2.45	1.30	0.20	0.15	17.99
1909	1.60	0.10	1.45	0.85	2.50	1.80	3.50	0.70	3.25	0.95	2.65	1.20	20.55
1910	M	M	0.75	0.20	1.65	1.75	0.50	0.77	2.20	1.35	1.62	0.30	11.09 Incomplete
1911	1.70	0.60	0.20	2.35	2.20	3.30	0.40	1.70	1.20	3.30	0.95	1.12	19.02
1912	0.28	0.55	0.80	0.64	1.97	0.93	1.63	1.92	0.95	1.20	0.43	0.63	11.93
1913	0.32	0.14	0.64	1.41	1.57	8.86	1.69	1.09	0.54	0.65	0.52	0.12	17.55
1914	1.16	0.61	0.15	1.13	1.87	2.48	1.01	T	0.29	1.35	0.24	0.04	10.33
1915	0.48	0.56	0.57	0.66	2.88	4.84	2.33	0.30	1.37	T	1.22	1.52	16.73
1916	1.08	0.54	1.12	1.30	2.77	2.56	1.48	0.39	2.00	0.96	0.96	1.72	16.88
1917	0.84	1.52	1.08	0.94	2.21	2.08	0.47	T	1.50	1.36	0.16	1.70	13.86
1918	1.86	0.84	3.15	1.41	0.64	1.09	2.54	1.11	1.88	1.45	0.36	0.02	16.35
1919	0.26	0.88	0.64	0.71	0.53	0.47	0.15	0.59	0.40	1.43	1.79	1.84	9.69
1920	0.20	0.92	2.06	1.28	1.47	2.34	0.91	1.30	0.95	2.05	0.28	0.50	14.26
1921	1.00	0.48	1.59	1.02	2.42	2.34	1.04	0.90	1.78	0.31	3.00	1.26	17.14
1922	0.30	1.05	0.94	2.87	1.50	2.36	1.28	3.31	0.32	0.05	0.88	0.46	15.32
1923	0.32	0.56	0.84	0.97	2.31	1.94	1.33	1.13	0.17	0.94	0.42	0.72	11.65
1924	0.62	0.78	1.30	0.39	0.66	0.70	1.37	0.25	0.71	0.74	1.04	0.43	8.99
1925	0.72	0.02	0.96	1.25	2.42	2.62	1.40	0.95	2.11	2.35	0.02	1.30	16.12
1926	0.58	0.86	0.36	0.42	2.02	1.76	1.76	1.57	1.73	0.23	1.23	0.86	13.38
1927	0.88	0.98	0.88	0.82	5.84	0.70	0.94	2.97	1.18	1.19	2.14	1.36	19.88
1928	1.86	0.60	0.48	1.09	0.25	2.32	1.59	2.45	0.78	1.06	0.10	0.98	13.56
1929	1.60	1.26	1.28	2.34	0.78	1.85	0.29	0.21	1.24	0.75	0.27	0.97	12.84
1930	0.99	0.38	0.98	2.28	0.74	1.14	0.43	1.36	1.83	1.04	0.29	0.10	11.56
1931	0.44	0.38	0.42	0.70	M	M	M	0.44	1.44	0.04	0.34	0.57	4.77 Incomplete
1932	0.44	0.14	0.50	1.13	0.80	2.07	2.02	1.08	0.10	1.24	0.26	0.46	10.24
1933	0.32	0.36	0.09	0.36	1.78	0.66	0.12	2.23	0.47	0.57	0.24	0.38	7.58
1934	0.10	0.87	0.53	0.47	0.09	4.13	0.37	M	0.55	1.84	0.23	0.79	9.97 Incomplete
1935	0.22	0.11	0.53	1.26	1.29	1.31	0.94	0.31	T	0.55	0.24	0.13	6.89
1936	0.32	0.76	0.08	1.29	0.86	3.83	1.37	0.85	0.51	0.52	0.16	0.34	10.89
1937	0.25	0.22	0.71	0.42	0.46	1.26	4.38	0.68	1.83	0.20	0.06	0.43	10.90
1938	0.20	0.25	1.30	0.61	4.66	4.53	2.36	0.66	0.29	1.40	0.60	0.03	16.89
1939	0.22	0.33	M	M	M	M	M	M	M	M	M	M	0.55 Incomplete
1940	M	M	M	M	1.34	0.73	1.07	0.07	3.20	0.58	0.77	0.21	7.97 Incomplete
1941	0.12	0.18	0.40	1.35	2.18	2.70	1.99	1.34	1.51	0.89	0.62	1.22	14.50
1942	0.65	0.52	0.61	1.47	2.93	1.77	0.18	0.34	0.25	0.52	1.04	0.53	10.81
1943	1.17	0.68	0.58	2.27	1.33	1.85	0.81	2.24	0.40	0.68	0.55	0.15	12.71
1944	0.17	0.58	0.18	0.37	2.83	5.07	0.63	1.36	1.08	0.39	0.45	0.23	13.34
1945	0.21	0.13	0.88	0.68	2.39	2.24	0.16	0.18	1.00	0.60	0.67	0.76	9.90
1946	0.34	0.31	0.69	0.30	2.38	1.36	1.45	1.57	3.28	1.84	1.19	0.66	15.37
1947	0.65	0.53	0.77	1.05	0.34	3.60	1.13	1.02	3.54	1.29	1.50	0.55	15.97
1948	0.68	0.66	0.77	0.57	2.55	5.40	2.44	1.58	0.63	0.36	0.41	0.94	16.99
1949	0.50	0.91	0.64	0.64	1.74	2.41	0.62	0.71	1.69	0.62	0.53	0.34	11.35
1950	0.66	0.29	1.70	0.81	1.11	2.06	1.52	0.95	1.32	0.53	1.20	0.59	12.74
1951	0.92	0.82	1.01	0.90	1.83	0.88	0.59	1.68	0.97	0.96	0.40	1.18	12.14
1952	0.29	0.85	1.46	0.34	3.06	2.08	1.76	0.91	0.19	0.06	0.75	0.24	11.99
1953	0.73	1.03	0.45	1.36	2.19	2.54	0.04	0.37	0.43	0.19	0.24	0.25	9.82
1954	0.46	0.08	0.23	0.83	0.63	1.99	0.52	1.84	0.66	0.31	0.01	0.07	7.63
1955	0.33	0.16	0.55	1.18	1.57	2.95	2.62	T	1.08	0.42	0.73	1.13	12.72
1956	0.51	0.03	0.19	1.25	1.17	1.55	1.86	2.02	0.52	0.98	0.10	0.32	10.50
1957	0.49	0.19	0.63	0.47	2.70	1.80	0.62	0.55	1.02	0.93	0.10	0.32	9.82
1958	0.08	0.16	0.53	1.38	1.07	4.17	0.87	1.53	0.72	0.14	0.42	0.40	11.47
1959	0.13	0.87	0.07	0.27	1.85	2.86	0.76	1.44	0.86	0.81	0.54	0.13	10.59
1960	0.36	0.22	0.75	1.10	1.20	1.08	0.31	2.04	0.51	0.18	0.36	0.33	8.44
1961	0.03	0.13	0.76	1.06	2.17	1.24	1.91	0.65	2.18	0.37	0.37	0.14	11.01
1962	0.61	0.61	0.52	0.18	2.58	1.65	2.20	1.57	0.07	1.01	1.10	0.32	12.42
1963	1.12	0.05	0.63	1.36	1.48	3.40	0.60	0.45	1.73	1.33	0.47	0.44	13.06
1964	0.80	0.29	0.65	1.00	1.60	4.64	0.50	1.63	0.27	0.04	0.46	1.12	13.00
1965	0.44	0.27	0.58	1.00	1.35	3.58	0.70	2.49	2.24	0.37	0.37	0.32	13.71
1966	0.28	0.31	0.30	0.33	0.82	2.37	0.24	0.50	1.62	0.49	0.41	0.48	8.15
1967	0.45	0.18	1.05	2.56	2.98	3.78	0.52	0.24	1.02	2.24	0.34	0.67	16.03
1968	0.93	0.06	0.57	0.96	1.67	2.43	0.22	2.36	2.08	0.35	0.96	0.28	12.87
1969	1.65	0.23	0.22	1.31	2.20	5.80	2.36	0.43	0.71	0.36	0.15	0.19	15.61
1970	0.35	0.30	1.07	0.39	1.13	1.59	2.07	0.47	1.79	0.56	0.84	0.28	10.84
1971	0.71	0.29	0.88	1.01	1.64	1.94	0.20	1.11	0.92	0.52	0.46	0.72	10.40
1972	1.10	0.26	1.39	0.36	0.64	1.23	0.78	1.24	0.42	0.26	0.17	0.51	8.36
1973	0.16	0.75	0.29	0.64	0.90	2.15	0.38	0.50	0.73	0.96	0.71	0.65	8.82
1974	0.17	0.31	0.88	0.12	1.82	0.29	0.51	1.95	0.42	0.80	0.46	0.58	8.31
1975	1.40	0.56	0.75	2.46	1.66	1.87	3.49	1.95	0.47	3.06	0.53	0.42	18.62
1976	0.16	0.38	0.33	0.54	1.29	3.27	0.85	2.40	2.04	0.32	0.15	0.07	11.80
1977	0.78	0.04	0.69	0.67	1.61	1.78	1.84	1.34	3.15	0.59	0.49	0.82	13.80
1978	0.26	0.67	0.54	1.36	2.01	0.72	2.41	1.20	2.43	0.10	0.42	0.48	12.60
1979	0.40	0.50	0.53	1.93	0.46	0.92	0.37	1.92	0.09	0.52	0.40	0.21	8.25
1980	0.52	0.65	0.91	1.45	4.49	4.62	1.27	1.39	2.33	1.06	0.71	0.21	19.61
1981	0.07	0.47	1.04	1.00	4.81	1.81	1.01	0.44	0.81	0.85	0.91	0.36	13.58
1982	0.82	0.40	1.84	0.88	1.67	2.95	0.75	0.40	1.44	0.63	0.30	0.75	12.83
1983	0.14	0.16	0.91	0.57	0.98	1.75	2.95	2.40	1.21	0.59	0.33	0.56	12.55
1984	0.34	0.50	0.71	1.06	1.37	2.78	0.66	1.41	0.68	0.58	0.62	0.26	10.97
1985	0.17	0.34	0.69	0.18	1.66	1.22	0.33	1.52	1.77	0.76	0.64	0.21	9.49
1986	0.28	0.89	0.86	0.71	0.98	1.64	1.45	1.79	2.50	0.26	1.34	0.11	12.81
1987	0.23	0.50	0.87	0.26	3.88	0.50	4.18	1.51	0.07	T	0.16	0.64	12.80
1988	0.47	0.18	0.55	1.15	2.01	0.75	0.33	0.15	1.11	0.42	0.59	0.61	8.32
1989	1.30	0.72	1.21	0.89	1.74	0.81	1.89	1.64	1.48	1.08	0.41	0.58	13.75
1990	0.46	0.11	0.65	0.71	2.18	1.17	0.92	2.32	0.07	0.26	0.62	0.34	9.81
1991	0.45	0.15	1.36	0.93	2.36	2.38	0.22	0.90	1.48	0.70	0.82	0.38	12.13
1992	0.41	0.20	0.59	0.28	0.95	4.05	1.58	0.65	0.58	1.37	0.58	0.36	11.60
1993	0.60	0.67	0.43	1.70	1.82	4.30	3.05	3.10	0.14	1.26	0.31	0.57	17.95
1994	0.10	0.40	0.25	1.18	2.48	1.44	2.18	0.22	0.09	1.73	1.50	0.51	12.08
1995	0.53	0.53	1.14	1.48	2.06	4.62	3.37	0.52	2.18	0.70	1.19	0.94	19.26
1996	0.86	1.26	1.40	1.64	3.07	1.26	1.50	1.45	0.81	0.56	1.30	1.99	17.10
1997	1.40	0.74	1.12	1.75	3.13	4.20	2.97	1.72	0.56	1.57	0.63	0.17	19.96
1998	0.88	0.41	0.97	1.80	2.69	3.19	1.77	0.53	1.03	0.36	0.74	1.10	15.47
1999	0.42	0.49	0.59	1.49	2.20	2.07	0.07	2.91	0.45	0.13	0.15	0.54	11.51
2000	0.41	0.50	0.64	0.58	1.91	0.50	0.62	0.21	1.14	1.56	0.36	0.20	8.63
2001	0.18	0.13	0.58	1.47	0.89	2.48	1.37	0.41	0.97	1.06	0.52	0.33	10.39
2002	0.52	0.17	0.37	0.76	1.57	2.58	0.96	2.52	1.19	0.06	0.26	0.15	11.11
2003	0.65	0.90	0.38	2.56	1.14	1.03	0.37	1.75	0.15	0.11	0.26	0.37	9.67
2004	0.25	0.20	0.18	1.51	2.01	1.96	0.91	2.02	1.35	0.33	0.05	0.37	11.14
2005	0.03	0.18	0.70	0.89	2.85	2.49	0.39	1.70	1.31	0.98	0.95	0.75	13.22
2006	0.45	0.15	0.52	3.13	1.28	2.82	0.72	0.09	0.49	2.10	0.32	0.37	12.44
2007	0.06	0.76	0.32	1.11	2.84	2.07	0.57	0.69	2.56	1.11	0.30	0.22	12.61
2008	0.56	0.36	0.11	0.61	1.76	2.34	1.04	0.71	0.59	0.28	0.99	0.66	10.01
2009	0.23	0.22	1.26	1.08	0.99	2.48	1.22	2.87	0.71	1.25	0.16	0.06	12.53
2010	0.72	0.24	0.41	1.09	2.88	4.06	1.00	2.05	1.12	0.66	0.50	0.64	15.37
2011	0.31	0.39	0.61	0.89	2.60	3.93	0.72	0.72	0.40	0.72	0.25	0.29	11.83
2012	0.11	0.16	1.19	1.23	1.20	1.05	2.19	0.24	0.03	0.36	0.97	0.30	9.03
2013	0.27	0.13	0.26	0.24	2.41	1.65	0.71	1.60	2.99	0.62	0.20	0.22	11.30
2014	0.23	0.63	1.25	1.35	0.82	3.43	0.69	3.07	0.97	0.83	1.00	0.56	14.83
2015	0.17	0.13	0.41	0.88	1.76	0.93	1.86	0.67	2.36	0.87	1.20	0.67	11.91
2016	0.34	0.13	0.45	1.16	1.45	0.93	0.94	0.66	1.32	2.31	0.47	0.44	10.60
2017	0.31	0.48	0.93	2.02	1.59	2.78	0.50	0.16	1.76	0.17	0.74	0.53	11.97
2018	0.64	0.68	0.40	1.83	3.07	3.21	0.14	1.28	0.94	0.48	0.82	0.32	13.81
2019	0.14	1.05	0.71	1.81	2.53	0.81	1.54	1.48	1.95	0.34	M	0.10	12.46 Incomplete
2020	0.09	0.48	0.48	0.64	1.42	4.41	0.58	0.22	0.49	0.84	0.45	0.10	10.20
2021	0.19	0.65	0.33	0.44	1.25	0.36	0.43	1.62	0.07	0.52	0.28	0.35	6.49
2022	0.62	0.02	0.17	M	M	1.85	1.00	1.08	1.46	0.60	0.43	0.47	7.70 Incomplete
2023	0.44	0.14	0.84	1.29	2.69	4.89	0.66	2.65	2.71	1.09	0.29	0.31	18.00
1900-2023	**0.55**	**0.50**	**0.77**	**1.09**	**1.93**	**2.33**	**1.22**	**1.22**	**1.15**	**0.81**	**0.62**	**0.55**	**12.74** 124 Yr Avg

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	0.33	0.37	0.56	1.25	1.88	2.28	0.85	1.34	1.18	0.78	0.50	0.37	11.70 Last 25 yrs
2014-2023	0.32	0.44	0.60	1.27	1.84	2.36	0.83	1.29	1.40	0.81	0.63	0.39	12.17 Last 10 yrs
2019-2023	***0.30***	***0.47***	***0.51***	***1.05***	***1.97***	***2.46***	***0.84***	***1.41***	***1.34***	***0.68***	***0.36***	***0.27***	***11.65 Last 5 Yrs***

Precipitation is at least 50% higher than the 124 year avg in the corresponding column

Precipitation is at least 50% lower than the 124 year avg in the corresponding column

*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

2017 Montana Climate Assessment Report (1950-2015)

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's — **14.37**

Avg Precip for each Decade in Butte
1890 Census Population of Butte 10,723
1900 Census Population of Butte 30,470
1910 Census Population of Butte 39,165

1910's — **14.70**

June 6, 1912 Mt Novarupta, Alaska

1917 Population of Butte peaks at nearly 91,000
1917 Population of Montana was 505,000

1920's — **14.31**

1920 Census Population of Butte 41,611
1925 Hottest year recorded in Butte
1927 Wettest year recorded in MT (21.73 in)

1930's — **10.71**

1930 Census Population of Butte 39,532
1931 Driest year recorded in MT (9.97 in)

1940's — **13.44**

1940 Census Population of Butte 37,081

The 2017 Montana Climate Report generally ignores data from the first half of the century (1900-1949) and starts its assessment in 1950

1950's — **10.94**

1950 Census Population of Butte 33,251

1960's — **12.43**

1960 Census Population of Butte 27,877
1961-62 Peak of Nuclear Weapons Testing

1970's — **11.18**

1970 Census Population of Butte 23,368
1975 Coldest year recorded in Butte

1980's — **12.67**

1980 Census Population of Butte 33,125
May 18, 1980 - Mt Saint Helens, WA

1990's — **14.69**

1990 Census Population of Butte 33,252
June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

2000's — **11.18**

2000 Census Population of Butte 33,808

2010's — **12.29**

2010 Census Population of Butte 33,525
2015 Paris Climate Conference (COP21)
2020 Census Population of Butte 34,530
2023 Held vs. MT Court Decision

2017 Montana Climate Report ends its assessment.

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

Butte is trending (-1.09 in) below its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Precipitation in Great Falls, Montana (Table 2-3)

Monthly Total Precipitation (in) for Great Falls, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
1900	0.02	0.77	0.53	1.39	2.73	0.64	0.46	1.53	1.17	0.80	1.44	0.20	11.68
1901	0.74	0.53	0.33	0.97	3.48	2.63	1.39	0.12	1.89	0.03	0.02	0.53	12.66
1902	0.16	1.02	0.19	0.05	5.93	4.02	2.14	0.55	0.74	0.07	0.45	0.39	15.71
1903	0.08	0.35	0.89	2.00	1.84	2.19	2.74	0.74	0.99	0.45	0.83	0.91	14.01
1904	0.17	0.51	0.65	0.62	1.16	1.06	0.97	0.57	0.14	0.44	0.01	0.38	6.68
1905	0.32	0.17	0.66	0.68	1.99	4.23	0.67	0.82	0.18	0.26	1.25	0.18	11.41
1906	0.32	0.77	0.73	1.17	5.03	5.59	0.88	2.66	0.63	1.07	1.97	1.45	22.27
1907	1.78	0.26	0.95	0.90	1.74	7.26	2.09	2.67	0.25	0.10	T	0.52	18.52
1908	0.77	0.62	2.27	0.47	4.62	4.22	0.43	3.13	2.58	2.51	0.11	0.16	21.89
1909	1.29	0.42	1.49	1.86	1.73	5.77	5.45	0.61	2.85	0.48	1.03	0.75	23.73
1910	0.36	0.99	0.27	1.19	1.84	3.04	1.33	0.25	3.35	1.67	1.39	0.20	15.88
1911	1.29	1.04	0.65	1.67	2.83	2.88	0.56	2.67	2.18	0.95	0.89	0.75	18.36
1912	1.09	0.60	1.26	0.88	2.39	0.95	2.07	3.10	2.10	0.85	0.06	0.19	15.54
1913	1.25	0.25	0.61	1.90	1.77	2.94	1.87	1.11	0.97	2.65	0.60	0.27	16.19
1914	0.15	1.16	0.68	1.27	3.55	5.52	0.27	0.51	1.15	2.74	0.28	0.42	17.70
1915	0.50	0.53	1.15	0.91	1.20	5.06	5.04	1.67	3.22	0.13	0.32	0.40	20.13
1916	1.56	0.32	0.08	1.60	3.67	5.75	2.52	1.12	1.50	2.17	0.33	0.88	21.50
1917	0.28	1.52	1.16	2.76	4.20	3.85	1.37	0.97	1.90	0.94	0.00	2.49	21.44
1918	1.43	0.08	0.38	0.86	0.86	1.47	1.85	2.05	2.02	0.16	1.09	0.14	12.39
1919	0.06	0.57	0.53	0.12	1.16	1.35	0.37	0.37	0.81	2.21	1.45	1.38	10.38
1920	0.62	0.69	0.92	2.70	1.22	1.62	0.84	0.35	0.72	1.92	0.29	0.28	12.17
1921	0.03	0.20	1.26	0.89	2.26	1.91	2.86	0.61	1.40	0.17	1.06	1.69	14.34
1922	0.79	0.65	1.13	2.47	3.05	1.39	1.75	0.63	0.85	0.22	0.41	1.32	14.66
1923	0.44	1.51	0.84	1.94	2.34	8.01	1.40	1.95	0.17	1.15	0.17	0.52	20.44
1924	0.54	0.63	0.58	0.78	1.07	4.12	0.93	0.53	2.37	0.78	0.87	0.89	14.09
1925	0.39	0.55	1.78	1.79	0.69	2.24	0.59	0.43	3.52	2.36	0.13	0.46	14.93
1926	0.16	0.38	0.53	0.62	1.37	3.23	0.89	1.27	3.42	0.12	0.45	0.85	13.29
1927	0.59	0.53	0.46	0.95	7.74	1.96	2.78	2.45	0.53	0.70	1.42	0.63	20.74
1928	0.93	0.29	0.79	0.36	1.11	4.09	1.48	2.62	0.51	0.77	0.20	0.71	13.86
1929	1.34	0.58	1.54	0.98	1.00	2.26	0.78	0.32	1.79	0.57	1.02	1.46	13.64
1930	0.84	0.12	1.58	0.99	1.63	1.22	0.74	0.45	2.03	1.18	0.69	0.14	11.61
1931	0.28	0.12	0.41	0.54	1.51	1.88	2.20	0.89	1.18	0.52	1.31	0.40	11.24
1932	0.15	0.73	2.23	1.57	1.19	4.07	1.78	4.95	T	0.86	0.73	1.12	19.38
1933	0.38	0.80	0.14	1.12	2.13	1.84	0.90	5.34	0.89	0.88	0.79	1.04	16.25
1934	0.52	0.30	1.90	0.65	1.06	3.25	1.83	0.16	2.36	0.96	0.23	0.81	14.03
1935	0.27	0.32	1.38	1.11	0.87	1.23	0.43	0.50	0.52	0.46	0.21	0.15	7.45
1936	0.59	1.29	0.43	0.71	1.18	2.12	0.19	0.43	1.17	0.34	0.15	0.56	9.16
1937	0.55	0.16	0.51	0.22	0.27	3.20	1.43	0.61	1.17	T	0.43	0.78	9.33
1938	0.03	0.56	0.46	0.27	3.72	4.52	1.00	1.64	0.75	1.55	0.32	0.02	14.84
1939	0.29	0.33	0.24	0.88	1.52	2.41	0.66	0.59	1.30	1.21	0.15	0.31	9.89
1940	0.58	0.69	0.83	1.78	2.10	0.91	0.73	0.05	2.24	0.83	1.13	0.18	12.05
1941	0.29	0.36	0.55	1.34	2.07	3.67	2.27	0.68	3.56	0.55	1.11	1.19	17.64
1942	0.46	1.02	0.85	0.35	4.64	2.44	1.50	0.67	1.06	0.56	0.94	0.06	14.55
1943	1.48	0.62	0.51	1.36	1.03	5.32	1.01	0.64	0.61	0.57	0.39	0.42	13.96
1944	T	1.44	1.47	0.75	1.15	3.88	1.24	1.44	1.31	0.04	0.99	0.50	14.21
1945	0.32	0.53	0.76	0.67	1.49	3.24	0.20	0.85	2.60	0.83	0.32	1.73	13.54
1946	0.10	0.12	0.42	0.48	1.70	1.96	1.92	1.18	1.93	1.53	1.78	0.86	13.98
1947	0.50	0.71	1.47	0.40	0.68	3.42	0.26	0.30	2.52	0.54	1.11	0.44	12.35
1948	1.23	0.36	1.42	0.61	3.43	4.84	2.28	0.50	0.72	0.08	0.39	0.53	16.39
1949	1.40	0.79	1.11	0.41	3.21	1.54	0.94	0.27	0.52	0.90	0.05	0.53	11.67
1950	0.91	0.01	2.14	1.47	0.67	2.76	3.54	2.94	0.31	0.03	1.19	0.58	16.55
1951	0.41	1.34	1.22	2.50	2.23	3.57	2.54	2.50	1.44	1.72	0.41	1.71	21.59
1952	0.34	1.63	0.76	0.30	1.57	1.22	0.15	1.21	0.24	0.16	1.36	0.08	9.02
1953	0.55	1.46	0.74	1.85	8.13	5.06	0.06	0.56	1.14	0.09	0.13	0.98	20.75
1954	1.23	0.21	1.01	0.86	1.17	4.71	0.63	2.63	1.86	1.35	0.02	T	15.68
1955	0.80	1.47	1.53	2.48	4.26	1.23	4.32	0.04	0.16	0.54	2.27	0.55	19.65
1956	0.52	0.37	0.38	0.53	1.33	2.58	1.02	1.68	0.44	1.02	0.30	0.59	10.76
1957	1.80	0.73	0.77	0.95	2.82	2.94	0.75	1.11	1.68	1.89	0.61	0.11	16.16
1958	0.56	2.16	1.24	0.67	1.09	4.68	2.32	0.42	0.28	0.31	1.24	1.17	16.14
1959	1.57	1.00	0.58	0.36	2.94	1.88	0.04	0.37	1.55	1.20	1.71	0.43	13.63
1960	0.28	0.52	0.15	2.13	1.71	0.52	0.39	2.66	0.43	0.04	0.79	0.19	9.81
1961	0.22	0.19	0.88	0.96	1.80	0.73	1.01	0.63	1.95	0.32	1.49	0.30	10.48
1962	1.28	0.95	0.74	0.58	5.18	2.30	1.09	1.69	0.10	1.17	0.36	0.51	15.95
1963	1.71	0.32	0.35	1.24	1.27	2.88	0.96	0.49	0.87	0.63	0.21	1.02	11.95
1964	0.65	0.52	1.74	1.91	3.36	4.34	1.50	1.66	0.28	T	0.72	1.23	17.91
1965	0.84	1.18	0.79	2.51	1.47	5.37	1.03	1.58	1.90	T	1.13	0.59	18.39
1966	1.63	0.51	0.79	0.74	1.54	2.17	1.81	0.77	0.21	1.32	1.62	0.99	14.10
1967	1.12	0.28	2.18	3.69	2.17	3.65	0.91	0.23	1.59	1.13	0.26	1.47	18.68
1968	1.29	0.24	0.90	1.11	2.64	2.89	0.06	2.16	2.92	0.11	0.68	1.36	16.36
1969	2.05	0.40	0.44	0.38	1.14	5.33	1.11	0.03	0.13	0.89	0.11	0.40	12.41
1970	0.99	1.02	1.14	1.88	3.16	2.32	1.16	0.77	0.67	1.00	0.53	0.70	15.34
1971	1.22	0.65	1.12	0.66	3.03	0.62	0.27	1.16	0.61	0.30	0.36	1.48	11.48
1972	1.47	0.62	1.01	0.77	1.59	0.94	1.51	1.26	0.85	1.17	0.20	1.68	13.07
1973	0.33	0.26	0.30	2.89	0.95	1.43	0.13	0.88	1.29	0.97	1.36	1.37	12.16
1974	1.44	0.26	1.10	1.03	3.16	1.08	0.48	4.76	0.73	0.36	0.26	0.60	15.26
1975	1.14	0.71	1.34	4.63	3.89	4.47	1.20	2.13	0.74	3.43	1.01	0.55	25.24
1976	0.57	0.53	0.75	2.33	0.88	4.10	2.07	1.91	0.61	0.19	0.65	0.51	15.10
1977	1.04	0.19	1.90	0.26	2.11	0.54	1.87	1.94	2.22	0.51	0.43	1.92	14.93
1978	1.68	1.21	0.41	1.76	3.20	2.56	1.99	1.04	2.56	0.27	1.44	1.05	19.17
1979	0.71	0.57	1.00	2.05	0.69	2.61	0.27	0.29	0.33	0.84	0.29	0.26	9.91
1980	0.67	1.03	0.74	0.62	5.12	3.91	0.27	0.67	0.98	1.75	0.19	0.27	16.22
1981	0.34	0.44	2.09	0.05	5.20	1.32	1.04	1.21	0.39	1.06	0.29	0.43	13.86
1982	1.09	0.99	1.97	1.04	3.63	3.09	0.66	0.41	2.43	0.75	0.63	0.99	17.68
1983	0.10	0.33	1.61	0.26	1.34	3.03	3.78	1.10	1.89	0.77	1.28	0.70	16.19
1984	0.72	0.69	1.31	0.94	1.34	2.10	0.05	1.01	0.71	1.20	0.49	1.25	11.81
1985	0.35	0.22	1.02	0.41	3.28	0.58	0.47	4.90	3.23	1.10	1.16	0.47	17.19
1986	0.57	0.75	0.10	2.83	1.74	1.72	1.67	0.81	1.52	0.90	0.45	0.27	13.33
1987	0.05	0.24	1.81	0.64	2.63	1.33	3.05	2.43	1.30	0.02	0.30	0.24	14.04
1988	0.76	0.47	0.44	0.77	1.60	1.42	1.82	0.26	2.33	0.66	0.30	0.97	11.80
1989	0.96	1.19	1.38	2.41	2.41	1.70	3.03	4.88	1.87	0.41	0.81	1.32	22.37
1990	0.29	0.17	1.69	0.84	3.97	1.23	1.03	3.19	0.09	0.13	0.70	0.73	14.06
1991	0.63	0.21	1.21	1.54	1.54	4.15	0.75	1.35	1.00	0.81	0.77	0.08	14.04
1992	0.48	0.23	0.43	1.32	2.14	3.22	1.81	1.37	0.25	2.61	0.29	0.31	14.46
1993	1.17	0.70	0.86	3.16	2.74	2.58	4.68	3.04	1.71	1.10	0.97	0.30	23.01
1994	0.47	0.53	0.20	1.90	1.81	1.56	0.72	0.60	0.35	1.77	0.42	0.24	10.57
1995	0.05	0.15	0.82	2.17	3.11	2.91	3.36	0.55	1.20	0.62	0.35	0.14	15.43
1996	0.49	0.26	0.83	1.40	2.57	1.14	0.17	0.67	1.47	0.54	0.35	1.25	11.14
1997	0.27	0.32	0.62	1.27	2.89	3.49	1.88	1.61	0.27	0.91	0.18	0.33	14.04
1998	0.72	0.42	1.10	0.42	3.08	5.18	1.73	1.72	1.00	0.80	0.96	0.22	17.35
1999	0.33	0.36	0.53	1.43	2.29	1.67	0.81	2.18	1.72	0.67	0.45	0.03	12.47
2000	0.34	0.69	0.74	0.33	2.10	1.55	1.04	0.12	1.32	1.34	0.49	0.19	10.25
2001	0.65	0.39	0.51	1.10	0.51	1.79	2.74	0.26	1.50	0.33	0.14	0.39	10.31
2002	0.30	0.26	0.70	0.42	1.61	5.03	1.50	2.49	1.65	0.47	0.27	0.29	14.99
2003	0.12	0.61	0.49	1.78	2.11	1.85	0.18	1.31	1.13	0.27	0.18	0.11	10.14
2004	0.23	0.06	0.29	1.06	2.91	2.82	0.42	2.55	1.99	1.05	0.16	0.43	13.97
2005	0.16	0.01	0.94	1.20	1.07	6.85	0.10	0.97	1.68	0.69	1.69	0.29	15.65
2006	0.71	0.44	1.70	2.88	2.64	4.24	0.27	1.33	1.82	1.48	0.43	0.59	18.53
2007	0.28	1.53	0.25	2.35	2.81	1.00	0.13	0.24	1.71	0.68	0.76	0.12	11.86
2008	0.84	0.43	0.35	1.51	3.82	3.08	1.25	1.31	1.87	0.53	0.74	1.43	17.16
2009	0.45	0.44	0.98	2.35	0.95	1.49	3.60	1.01	0.91	1.49	0.02	0.76	14.45
2010	1.24	0.55	0.23	2.72	2.75	2.65	1.18	2.05	2.25	0.46	1.74	1.56	19.38
2011	0.46	1.77	0.42	2.83	4.12	2.58	0.87	0.36	0.20	2.24	0.35	0.20	16.40
2012	0.30	0.31	1.10	2.37	2.27	1.06	2.02	0.36	T	1.37	1.42	0.55	13.13
2013	0.61	0.43	0.24	1.01	2.79	2.35	0.37	1.08	0.84	0.93	0.18	0.94	11.77
2014	1.30	1.12	1.31	1.76	1.62	4.18	0.78	4.39	0.72	0.47	1.38	1.10	20.13
2015	1.01	0.39	0.09	0.89	3.42	0.44	1.43	0.38	2.54	2.48	1.55	1.07	15.69
2016	0.62	0.03	0.50	2.83	2.04	0.96	1.20	1.12	2.22	1.76	0.28	0.89	14.45
2017	0.85	0.57	0.41	3.58	2.01	2.10	0.08	0.06	2.37	0.58	0.97	1.31	14.89
2018	0.35	1.43	0.97	1.48	3.52	3.30	0.12	0.67	1.44	0.70	0.65	0.33	14.96
2019	0.98	2.58	0.56	1.92	2.19	1.46	1.16	1.15	2.13	1.25	1.28	0.17	16.83
2020	0.07	0.41	0.89	0.73	3.34	4.73	0.60	0.10	0.49	2.04	0.93	0.10	14.43
2021	0.18	0.69	0.42	1.10	4.30	0.45	0.32	2.18	0.26	0.10	0.30	0.89	11.19
2022	0.82	0.83	0.79	1.72	1.24	1.67	1.45	0.40	2.33	1.56	1.31	0.90	15.02
2023	1.05	0.58	1.23	2.38	2.60	3.39	0.62	0.63	2.52	1.81	0.21	0.08	17.10
1900-2023	**0.69**	**0.63**	**0.89**	**1.34**	**2.39**	**2.81**	**1.33**	**1.31**	**1.36**	**0.92**	**0.69**	**0.67**	**15.02**

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg	
1999-2023	0.57	0.68	0.67	1.75	2.44	2.51	0.97	1.15	1.57	1.07	0.72	0.59	14.67	Last 25 yrs
2014-2023	0.72	0.86	0.72	1.84	2.63	2.27	0.78	1.11	1.70	1.28	0.89	0.68	15.47	Last 10 yrs
2019-2023	***0.62***	***1.02***	***0.78***	***1.57***	***2.73***	***2.34***	***0.83***	***0.89***	***1.55***	***1.35***	***0.81***	***0.43***	***14.91***	***Last 5 Yrs***

Precipitation is at least 50% higher than the 124 year avg in the corresponding column

Precipitation is at least 50% lower than the 124 year avg in the corresponding column

*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

DATA FROM 16th Street (1900 - 1939)

DATA FROM Great Falls AIRPORT (1940 - 2023)

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Census Great Falls 14,930

1900's

15.86

Avg Precip for each Decade in Great Falls

1910 Census Great Falls 13,948

June 6, 1912 Mt Novarupta, Alaska

1910's

16.95

1920 Census Great Falls 24,121

1920's

15.22

1927 Wettest year recorded in MT (21.73 in)

1930 Census Great Falls 28,822

1931 Driest year recorded in MT (9.97 in)

1930's

1934 Hottest year recorded in Great Falls

12.32

1940 Census Great Falls 29,822

Why didn't the Montana Climate Report Start a decade earlier in 1940?

1940's

14.03

The 2017 Montana Climate Report generally ignores data from the first half of the century (1900-1949) and starts its assessment in 1950

1950's

15.99

1950 Census Great Falls 39,214

1951 Coldest year recorded in Great Falls

1960 Census Great Falls 55,244

1961-62 Peak of Nuclear Weapons Testing

1960's

14.60

1970 Census Great Falls 60,091

1970's

15.17

May 18, 1980 - Mt Saint Helens, WA

1980 Census Great Falls 56,264

1980's

15.45

June - Nov 1988 Yellowstone Fires

1990 Census Great Falls 55,097

June 15, 1991 Mt Pinatubo, Philippines

1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's

14.66

2000 Census Great Falls 56,676

2000's

13.73

2010 Census Great Falls 58,505

2017 Montana Climate Report ends its assessment

2010's

15.76

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

2020 Census Great Falls 60,442

2023 Held vs. MT Court Decision

124 Yr Avg

Great Falls is trending slightly below its 124 year average (-0.11 in)

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Precipitation in Bozeman, Montana (Table 2-4)

Monthly Total Precipitation (in) for Bozeman (MSU), MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
1900	0.11	1.60	0.89	3.24	2.51	0.39	1.32	0.68	1.24	1.63	M	0.52	14.13 Incomplete
1901	0.80	0.55	1.11	1.29	5.01	1.46	0.12	0.64	2.03	0.09	0.73	1.46	15.29
1902	0.41	0.66	0.77	1.21	3.90	2.60	0.87	1.13	2.07	0.07	1.11	0.73	15.53
1903	0.78	0.33	0.67	3.42	2.58	2.45	2.76	0.50	1.11	0.64	1.62	0.78	17.64
1904	0.85	2.25	2.98	1.36	2.02	1.74	1.11	0.86	0.06	0.56	0.37	2.03	16.19
1905	0.23	0.75	0.77	0.90	3.23	2.62	M	1.21	1.48	1.13	0.78	0.38	13.48 Incomplete
1906	0.74	0.75	0.92	1.61	2.34	3.39	0.47	M	1.38	1.35	1.70	0.43	15.08 Incomplete
1907	0.93	0.80	1.86	0.59	3.16	3.34	2.46	1.37	0.41	1.08	0.36	0.42	16.78
1908	0.52	1.27	1.40	1.36	9.54	4.57	0.32	1.09	1.72	1.97	0.35	0.36	24.47
1909	0.72	0.35	1.42	1.82	4.15	1.04	1.98	1.29	5.54	0.77	2.36	0.90	22.34
1910	0.82	0.82	0.62	1.86	2.72	1.35	0.73	1.46	3.51	2.74	1.70	0.41	18.74
1911	1.77	0.33	0.05	1.57	3.56	3.04	0.84	1.52	1.73	2.08	1.00	0.65	18.14
1912	0.92	0.39	1.86	3.59	2.60	2.69	1.91	1.63	1.66	3.23	0.37	0.74	21.59
1913	0.78	0.47	0.44	1.65	2.53	3.19	2.17	0.90	2.00	3.15	1.24	0.15	18.67
1914	0.73	0.38	0.64	2.02	2.05	3.53	1.28	0.11	3.33	1.92	0.12	0.17	16.28
1915	0.91	0.05	1.95	2.60	3.67	4.44	3.91	0.38	3.34	0.62	1.38	1.85	25.10
1916	0.95	0.78	2.04	2.10	2.99	2.33	1.58	1.38	1.89	2.40	1.11	1.64	21.19
1917	1.87	1.01	0.81	1.72	2.37	2.46	0.36	0.53	2.64	0.42	0.31	1.18	15.68
1918	1.98	0.81	1.24	1.35	2.82	2.70	1.72	0.79	2.43	1.05	1.71	0.29	18.89
1919	0.51	0.78	0.65	0.96	2.10	0.09	0.36	0.97	0.87	1.81	0.59	1.33	11.02
1920	0.32	0.51	2.02	2.41	3.33	3.58	1.21	1.05	0.83	1.71	1.07	1.21	19.25
1921	1.01	0.40	1.82	1.33	2.50	1.34	2.25	0.38	1.26	0.29	1.42	1.52	15.52
1922	0.60	0.72	0.80	1.67	2.85	2.86	2.49	1.60	0.95	0.93	1.47	0.80	17.74
1923	0.25	0.49	0.28	0.73	M	3.44	1.35	1.17	0.92	1.34	0.29	0.74	11.00 Incomplete
1924	1.82	1.46	1.71	2.82	1.90	1.46	1.95	0.20	3.49	1.82	2.37	0.54	21.54
1925	0.49	0.41	1.32	2.54	1.26	2.30	1.99	1.30	3.08	1.98	0.72	1.78	19.17
1926	0.48	1.40	0.56	0.35	4.82	1.69	0.94	1.98	3.14	1.13	1.65	1.88	20.02
1927	0.75	0.99	0.78	1.93	5.06	1.46	2.53	2.57	1.33	1.40	2.59	0.94	22.33
1928	1.51	1.04	1.30	1.28	1.16	3.80	0.81	1.61	0.48	1.53	0.54	1.17	16.23
1929	1.54	0.75	1.26	1.11	1.98	2.84	1.42	0.54	0.87	1.63	1.00	0.83	15.77
1930	0.35	0.40	0.75	1.28	0.72	0.85	1.52	2.13	1.05	3.41	0.97	0.62	14.05
1931	1.10	1.13	1.37	1.21	2.23	1.50	1.46	0.37	2.13	0.81	1.19	0.79	15.29
1932	1.02	0.31	2.25	2.56	0.69	3.29	1.55	1.54	0.21	2.23	1.13	0.94	17.72
1933	0.77	0.66	0.96	1.37	2.56	1.13	0.40	3.48	1.87	1.80	0.34	0.57	15.91
1934	0.47	0.71	1.33	0.19	0.88	2.35	0.40	0.07	1.06	1.47	0.32	1.29	10.54
1935	0.75	0.29	3.24	1.92	2.35	1.76	0.77	0.70	0.15	2.35	0.67	0.51	15.46
1936	1.19	1.25	0.67	0.93	1.31	2.13	0.09	1.48	1.04	0.74	0.66	1.29	12.78
1937	1.64	1.15	1.27	2.42	0.82	3.90	2.16	0.20	2.33	0.51	0.67	0.92	17.99
1938	0.38	0.44	3.59	1.55	5.63	1.82	1.20	0.88	0.09	3.10	1.89	0.14	20.71
1939	0.74	0.52	1.02	0.99	1.91	3.71	0.69	0.94	1.29	1.17	0.05	1.00	14.03
1940	1.48	1.22	1.28	3.32	1.38	2.99	0.59	0.45	2.48	1.05	1.25	1.11	18.60
1941	0.20	0.44	0.78	3.50	1.73	3.17	1.17	1.80	4.60	1.17	2.17	M	20.73 Incomplete
1942	2.15	1.71	1.48	0.79	2.44	2.68	0.47	0.53	1.54	1.22	1.78	0.45	17.24
1943	0.88	0.32	1.07	2.72	2.01	2.50	1.90	1.24	0.91	1.95	0.74	0.59	16.83
1944	0.12	1.36	0.96	0.60	3.00	7.98	1.34	1.42	2.13	0.97	0.73	0.59	21.20
1945	0.36	0.47	1.15	1.15	3.67	4.10	0.76	1.73	1.84	1.15	1.18	1.97	19.53
1946	1.26	1.13	2.36	1.43	3.03	1.38	1.47	0.76	1.97	2.35	0.85	0.59	18.58
1947	0.83	0.44	3.02	1.38	1.05	6.78	0.37	0.80	4.58	0.69	3.25	1.35	24.54
1948	1.11	0.65	0.89	2.04	2.37	4.87	M	1.89	M	0.52	1.53	1.43	17.30 Incomplete
1949	1.89	0.86	1.07	2.06	1.92	3.73	M	0.55	M	1.21	0.51	0.59	14.39 Incomplete
1950	0.74	0.75	2.00	0.99	2.07	2.16	2.74	1.86	M	0.87	1.10	0.92	16.20 Incomplete
1951	0.46	0.49	1.75	1.84	1.52	1.61	0.87	2.36	2.23	4.46	0.81	1.80	20.20
1952	1.24	1.19	1.59	1.99	6.63	2.02	1.28	1.16	0.56	0.21	1.29	0.41	19.57
1953	0.65	1.05	1.04	2.05	3.23	3.13	0.63	0.42	1.00	1.39	1.13	0.68	16.40
1954	1.10	0.13	1.19	0.44	1.70	3.70	0.66	1.32	1.21	0.88	0.07	0.28	12.68
1955	0.54	1.00	1.33	3.51	2.70	2.23	1.55	0.12	1.11	2.04	0.78	2.16	19.07
1956	0.73	0.16	1.27	1.66	2.06	1.06	0.45	0.95	0.97	1.12	0.52	0.29	11.24
1957	0.74	0.20	1.16	1.27	2.80	4.68	1.52	0.70	0.81	1.46	0.56	0.58	16.48
1958	0.82	0.88	1.52	1.91	0.37	2.43	3.25	2.52	1.40	0.41	1.69	0.91	18.11
1959	0.79	1.12	1.58	1.37	4.08	2.42	1.63	0.74	2.35	1.93	0.90	0.67	19.58
1960	0.78	0.71	1.77	2.32	2.33	1.18	0.37	2.14	0.43	0.88	1.02	0.68	14.61
1961	0.11	0.84	0.82	2.49	1.39	0.82	0.71	0.58	4.90	2.11	1.10	0.25	16.12
1962	1.27	0.49	1.32	1.12	3.86	1.55	3.08	2.14	0.64	1.15	3.01	0.34	19.97
1963	1.76	0.53	1.06	1.98	3.29	3.13	1.09	0.80	M	0.94	0.61	0.67	15.86 Incomplete
1964	0.48	0.67	1.19	2.12	3.11	3.72	0.91	3.80	0.08	1.29	1.57	0.91	19.85
1965	0.97	0.50	0.45	2.24	4.16	3.76	0.68	2.23	2.42	0.45	0.75	0.61	19.22
1966	0.75	0.22	1.18	1.10	2.54	2.84	0.46	1.26	1.08	1.53	0.98	0.69	14.63
1967	1.17	0.76	3.28	1.45	2.05	4.44	1.12	0.27	1.21	3.48	2.09	1.62	22.94
1968	0.91	0.44	2.13	1.42	4.03	3.78	1.08	2.63	2.77	1.37	2.65	0.35	23.56
1969	1.95	0.44	0.46	2.51	1.92	7.37	1.70	1.50	0.86	3.02	0.58	1.09	23.40
1970	0.70	0.32	2.21	1.55	3.42	1.48	3.15	0.97	2.23	1.58	1.41	0.62	19.64
1971	0.96	1.01	0.74	2.82	2.20	2.86	0.29	0.70	2.41	0.65	0.77	0.56	15.97
1972	0.86	0.66	1.24	1.91	1.73	3.07	1.20	1.44	2.00	2.59	0.63	0.49	17.82
1973	1.10	0.04	1.89	2.84	1.44	4.43	0.50	1.63	2.89	1.74	1.27	1.29	21.06
1974	0.42	0.43	1.71	1.87	3.00	0.96	0.48	2.65	1.46	1.60	0.67	1.02	16.27
1975	1.58	1.11	1.08	1.77	4.88	3.46	1.89	1.13	1.67	4.29	1.33	1.10	25.29
1976	0.60	0.52	1.03	3.35	1.95	4.00	1.64	0.79	3.29	1.77	0.20	0.22	19.36
1977	0.60	0.06	2.39	0.57	3.84	2.21	2.24	2.13	2.88	1.44	1.19	1.19	20.74
1978	1.03	0.87	0.74	0.93	4.04	2.11	2.17	0.82	4.22	0.81	1.87	0.72	20.33
1979	1.03	0.75	0.77	1.92	2.33	3.66	0.59	1.51	0.07	1.54	0.96	0.30	15.43
1980	1.17	1.29	1.67	0.39	5.68	2.85	1.12	1.85	3.40	0.73	0.77	0.31	21.23
1981	0.50	1.31	0.99	1.99	6.99	3.96	1.14	0.50	1.31	2.13	1.01	0.75	22.58
1982	1.06	0.78	2.80	2.20	2.88	4.04	1.52	1.01	2.92	1.34	0.53	1.35	22.43
1983	0.12	0.58	1.35	2.02	2.46	2.87	2.59	1.43	2.71	2.10	2.17	1.36	21.76
1984	0.45	1.34	2.08	2.37	2.30	3.08	1.70	1.82	1.89	1.64	1.26	0.68	20.61
1985	0.63	0.79	1.13	0.76	1.97	0.56	1.03	1.92	2.60	1.12	0.34	0.31	13.16
1986	0.91	1.61	1.48	2.39	1.70	2.83	1.56	1.98	1.52	0.47	1.82	0.12	18.39
1987	0.34	0.25	0.32	1.16	4.23	1.22	3.29	2.38	0.89	0.12	0.72	0.63	15.55
1988	0.64	0.39	1.37	2.23	5.02	1.18	0.17	0.52	1.52	0.78	1.22	0.57	15.61
1989	1.13	0.67	1.79	2.19	3.89	2.42	0.78	1.23	0.43	2.70	0.54	1.06	18.83
1990	1.00	0.29	1.94	2.45	3.02	1.18	0.68	1.34	0.32	1.38	1.63	0.91	16.14
1991	0.64	0.52	1.83	3.04	5.25	1.88	0.50	0.46	1.67	M	1.55	0.41	17.75 Incomplete
1992	0.46	0.38	0.95	3.15	2.78	5.49	1.72	0.90	2.15	2.23	1.06	0.80	22.07
1993	0.46	0.24	0.62	3.18	3.31	4.23	4.95	2.89	1.21	1.30	0.42	0.70	23.51
1994	0.37	0.55	0.84	1.93	1.45	3.50	2.82	0.61	0.36	2.92	1.71	0.71	17.77
1995	2.00	0.44	2.18	2.74	2.67	1.84	2.81	2.64	M	2.19	1.21	0.59	21.31 Incomplete
1996	0.78	1.02	0.70	1.68	4.39	1.01	0.31	0.71	1.08	2.15	2.20	2.12	18.15
1997	1.95	0.73	1.38	2.33	4.25	4.49	2.49	2.03	2.61	1.68	0.82	0.81	25.57
1998	0.88	1.05	1.80	1.32	1.37	4.98	0.55	1.07	0.96	1.21	1.31	1.01	17.51
1999	0.84	0.75	1.40	2.16	2.52	2.55	0.10	3.43	0.63	0.31	0.26	0.74	15.69
2000	0.64	0.66	1.71	1.59	3.08	2.55	0.47	0.88	1.39	2.21	1.32	0.80	17.30
2001	0.49	0.41	0.72	0.99	0.73	4.98	0.86	0.04	0.59	1.73	0.19	0.69	12.42
2002	1.21	0.53	0.37	0.96	4.03	4.93	1.45	1.89	1.95	0.19	0.22	0.18	17.91
2003	1.47	2.44	1.68	3.59	2.62	2.83	0.36	0.40	0.15	1.10	0.73	1.97	19.34
2004	0.80	1.29	0.75	1.99	3.14	2.92	1.66	1.39	1.66	1.76	0.59	0.61	18.56
2005	0.84	0.59	1.29	2.52	1.71	4.41	1.38	1.97	1.29	2.97	2.67	1.03	22.67
2006	1.10	0.13	1.31	3.55	1.77	2.48	1.24	0.87	1.48	4.31	0.83	1.46	20.53
2007	0.72	1.88	1.06	2.95	5.49	3.07	0.65	0.96	1.69	3.42	1.19	0.93	24.01
2008	1.00	0.56	1.36	2.48	4.33	3.92	2.40	0.91	0.98	1.00	1.41	2.81	23.16
2009	0.22	0.57	2.41	4.67	2.32	2.96	2.18	1.88	0.79	2.61	2.22	0.64	23.47
2010	1.01	0.61	1.56	2.32	3.69	4.85	0.42	2.72	2.20	0.91	2.49	1.08	23.86
2011	M	M	M	M	3.58	3.44	1.23	0.90	0.69	1.71	1.15	0.75	13.45 Incomplete
2012	0.36	0.53	1.69	3.30	2.40	1.54	1.13	0.58	0.21	0.79	1.13	1.36	15.02
2013	0.72	0.38	0.69	0.94	4.31	3.45	0.71	0.74	3.00	1.00	0.93	1.25	18.12
2014	0.69	1.39	3.45	2.22	1.88	3.75	0.61	2.84	1.61	0.86	1.63	1.05	21.98
2015	0.53	0.55	0.61	2.14	3.15	0.58	2.54	1.22	1.61	1.74	1.50	1.54	17.71
2016	0.81	0.39	2.09	2.08	2.16	0.87	1.41	0.87	2.02	3.66	0.87	1.36	18.59
2017	0.74	0.93	1.67	3.29	2.84	2.78	0.27	0.95	2.40	1.50	2.46	2.07	21.90
2018	1.52	0.96	1.80	4.37	3.26	4.53	0.31	1.45	0.80	2.06	1.69	1.00	23.75
2019	1.29	1.61	1.10	3.93	1.61	3.60	1.70	0.45	4.20	2.24	1.13	0.20	23.06
2020	0.58	1.82	1.11	1.19	1.78	3.56	0.63	0.89	0.63	1.71	0.39	0.49	14.78
2021	1.09	1.70	0.82	1.74	3.19	1.12	1.04	3.31	0.13	2.58	0.75	1.54	19.01
2022	0.75	0.98	1.33	3.07	5.83	3.14	0.85	1.19	1.05	2.56	1.59	2.05	24.39
2023	1.21	0.73	1.29	1.13	1.47	4.66	0.73	1.58	2.27	1.52	0.27	0.77	17.63
1900-2023	**0.88**	**0.76**	**1.36**	**1.95**	**2.89**	**2.87**	**1.32**	**1.29**	**1.70**	**1.59**	**1.13**	**0.91**	**18.66** 124 Yr Avg

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	0.86	0.93	1.39	2.47	2.92	3.18	1.05	1.37	1.42	1.86	1.18	1.13	19.76 Last 25 yrs
2014-2023	0.92	1.11	1.53	2.52	2.72	2.86	1.01	1.48	1.67	2.04	1.23	1.21	20.28 Last 10 yrs
2019-2023	***0.98***	***1.37***	***1.13***	***2.21***	***2.78***	***3.22***	***0.99***	***1.48***	***1.66***	***2.12***	***0.83***	***1.01***	***19.77 Last 5 Yrs***

Precipitation is at least 50% higher than the 124 year avg in the corresponding column

Precipitation is at least 50% lower than the 124 year avg in the corresponding column

*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

2017 Montana Climate Assessment Report (1950-2015)

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's — **18.32**

Avg Precip for each Decade in Bozeman

June 6, 1912 Mt Novarupta, Alaska

1910's — **18.53**

1916 Coldest year recorded in Bozeman

1920's — **18.62**

1927 Wettest year recorded in MT (21.73 in)

1931 Driest year recorded in MT (9.97 in)

1930's — **15.45**

1934 Hottest year recorded in Bozeman

The 2017 Montana Climate Report generally ignores data from the first half of the century (1900-1949) and starts its assessment in 1950

1940's — **19.50**

1950's — **17.04**

1961-62 Peak of Nuclear Weapons Testing

1960's — **19.37**

1970's — **19.19**

May 18, 1980 - Mt Saint Helens, WA

1980's — **19.02**

June 15, 1991 Mt Pinatubo, Philippines

1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's — **19.55**

2000's — **19.94**

2017 Montana Climate Report ends its assessment

2010's — **20.44**

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

2023 Held vs. MT Court Decision

Bozeman is trending (+1.11 in) above its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Precipitation in Lewistown, Montana (Table 2-5)

Monthly Total Precipitation (in) for Lewistown AP, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
1900	M	0.50	0.00	4.50	3.15	1.50	0.55	4.20	0.80	1.00	0.32	0.90	17.42 Incomplete
1901	T	0.02	1.10	1.10	4.45	4.10	2.00	0.02	1.20	0.50	0.05	2.25	16.79
1902	0.55	1.30	M	2.00	4.00	6.00	3.60	0.70	0.40	T	0.65	1.30	20.50 Incomplete
1903	0.47	1.30	0.55	2.90	4.70	1.75	5.60	0.75	2.42	0.25	0.70	0.70	22.09
1904	0.92	1.15	1.90	1.65	2.10	0.50	3.45	0.60	0.20	T	0.05	1.00	13.52
1905	0.40	1.00	0.55	1.10	2.15	4.50	1.20	0.80	1.20	0.75	0.70	0.00	14.35
1906	0.50	0.60	0.80	0.10	3.78	5.47	2.00	0.60	2.10	0.95	0.89	1.31	19.10
1907	1.88	0.47	0.92	0.45	2.25	3.90	4.58	3.86	0.75	0.26	T	0.25	19.57
1908	0.49	1.55	2.10	0.34	1.28	2.20	0.04	1.04	2.00	2.00	0.25	0.40	13.69
1909	1.45	0.10	1.27	1.19	2.50	2.95	4.20	2.73	3.17	0.44	0.91	1.21	22.12
1910	1.40	0.91	0.25	1.73	2.26	2.28	2.20	0.81	3.03	1.05	0.98	0.50	17.40
1911	1.54	0.46	0.67	1.64	5.18	2.88	1.75	4.15	1.81	2.02	1.32	0.57	23.99
1912	1.02	0.05	0.51	2.23	M	0.46	4.12	1.16	1.93	2.03	0.04	0.41	13.96 Incomplete
1913	1.31	0.31	0.27	0.69	2.26	6.33	1.66	1.12	1.88	1.82	0.69	0.36	18.70
1914	0.40	0.20	1.68	0.58	3.19	5.62	1.03	1.16	1.92	1.43	0.47	0.53	18.21
1915	0.65	0.12	1.61	1.17	3.69	5.24	3.76	1.78	1.10	1.11	0.90	0.80	21.93
1916	0.80	0.51	0.91	1.80	2.43	4.15	2.39	0.70	1.76	1.34	0.78	1.47	19.04
1917	0.59	0.33	M	M	M	M	M	M	M	M	M	M	0.92 Incomplete
1918	M	0.87	0.38	0.18	3.32	1.68	2.08	3.14	1.28	1.76	0.52	0.26	15.47 Incomplete
1919	0.40	0.73	0.54	0.23	1.05	1.28	0.89	0.25	2.01	2.22	0.95	0.79	11.34
1920	0.79	1.00	0.86	3.48	2.33	5.11	1.18	1.30	1.42	1.03	0.48	0.65	19.63
1921	0.46	0.33	1.91	1.88	4.30	4.72	3.29	0.27	1.88	0.11	0.71	0.62	20.48
1922	0.48	0.64	0.55	1.82	2.30	2.97	1.21	0.42	0.50	0.53	0.96	0.98	13.36
1923	0.33	0.75	0.64	0.80	1.39	9.56	2.80	2.65	1.07	0.72	M	M	20.71 Incomplete
1924	M	0.65	1.32	1.55	1.26	3.73	1.45	1.03	1.57	1.30	0.23	0.91	15.00 Incomplete
1925	0.83	0.85	1.25	2.47	1.55	3.46	2.05	1.02	1.18	1.60	0.18	1.19	17.63
1926	0.80	1.16	0.60	0.58	3.52	2.97	0.44	2.34	3.31	0.46	1.94	0.39	18.51
1927	0.44	0.59	0.60	2.47	7.97	2.68	1.10	2.07	0.73	1.93	1.59	0.89	23.06
1928	0.97	0.96	0.42	0.95	0.31	5.00	5.97	1.28	0.43	1.28	0.03	0.66	18.26
1929	0.97	1.22	M	0.61	3.28	3.92	1.00	0.54	2.00	1.73	1.42	2.22	18.91 Incomplete
1930	0.78	0.17	0.81	0.40	0.79	0.88	0.79	1.33	1.83	2.26	0.53	0.71	11.28
1931	0.24	0.15	0.58	1.04	1.99	2.04	1.00	1.94	2.14	0.10	0.70	0.45	12.37
1932	0.80	0.44	2.82	1.57	2.82	7.07	1.36	1.90	1.23	2.24	0.86	1.08	24.19
1933	0.62	0.82	0.28	2.34	3.63	1.59	0.21	3.17	0.70	0.73	0.70	1.20	15.99
1934	0.60	0.82	1.42	0.40	1.54	3.42	2.20	0.21	1.66	0.31	0.13	1.38	14.09
1935	0.38	0.02	1.83	1.09	2.69	1.90	1.58	0.23	0.33	1.34	0.97	0.29	12.65
1936	0.69	1.44	0.98	1.54	2.28	1.10	0.98	1.55	0.52	0.62	0.62	0.72	13.04
1937	0.81	1.16	0.53	0.56	0.43	3.48	1.77	0.53	1.88	1.05	0.67	1.71	14.58
1938	0.83	0.10	1.87	0.56	2.60	5.67	2.88	0.89	0.20	2.71	0.73	0.71	19.75
1939	0.92	0.78	0.68	0.79	1.35	4.53	1.46	1.30	1.11	1.27	0.27	0.59	15.05
1940	0.47	0.75	0.65	2.44	0.92	3.38	1.07	0.31	0.90	2.63	1.57	0.16	15.25
1941	0.12	0.41	0.37	1.06	1.32	5.78	0.27	3.81	4.92	0.75	1.77	0.65	21.23
1942	0.38	0.91	1.05	0.16	5.71	5.30	1.77	0.65	1.66	1.33	0.58	0.31	19.81
1943	1.17	0.41	0.35	1.78	1.22	5.20	1.40	1.48	0.10	2.20	0.23	0.21	15.75
1944	0.01	1.03	1.34	0.21	3.57	10.96	1.21	2.53	0.66	T	0.33	0.57	22.42
1945	0.51	0.52	0.58	0.60	2.00	4.49	0.63	0.59	2.45	1.38	0.87	0.95	15.57
1946	0.49	0.18	0.54	0.35	2.81	2.65	4.49	0.89	4.31	2.07	0.62	0.57	19.97
1947	0.22	0.57	1.35	1.35	0.90	4.18	0.79	1.78	2.42	0.23	0.88	0.62	15.29
1948	1.03	0.33	0.87	0.99	3.67	5.97	3.34	1.21	0.58	0.01	1.02	0.68	19.70
1949	1.25	1.16	0.92	0.09	3.18	5.58	3.41	0.27	2.37	M	0.41	2.53	21.17 Incomplete
1950	0.42	0.78	2.40	1.45	1.75	5.04	4.87	3.18	2.97	1.21	1.67	1.99	27.73
1951	0.47	0.59	1.61	1.41	2.62	M	1.09	3.80	3.22	2.08	1.09	2.67	20.65 Incomplete
1952	0.60	2.08	0.99	0.80	6.07	1.86	2.13	2.83	1.45	0.28	2.11	0.22	21.42
1953	0.61	1.11	1.20	2.22	8.90	6.30	0.95	0.90	1.63	2.46	0.78	1.55	28.61
1954	1.47	0.90	2.16	1.18	2.89	5.37	0.51	3.43	2.62	1.18	0.33	0.10	22.14
1955	1.05	1.84	1.59	4.07	5.35	1.95	1.90	0.14	0.95	0.83	2.25	1.50	23.42
1956	0.90	0.73	0.71	1.85	2.09	3.52	1.27	3.10	0.59	0.45	0.68	0.71	16.60
1957	1.65	0.38	1.65	3.18	3.27	4.96	0.72	2.39	1.85	2.14	1.73	0.20	24.12
1958	0.32	1.03	0.46	0.41	0.55	4.20	2.87	0.58	0.53	1.06	1.09	1.06	14.16
1959	0.83	1.07	0.31	0.67	4.26	3.46	1.64	0.64	2.98	1.27	1.27	0.11	18.51
1960	0.52	0.60	0.31	1.07	2.72	1.68	1.13	3.21	0.38	0.28	0.17	0.57	12.64
1961	0.16	0.18	0.62	1.03	2.12	1.89	2.47	0.39	2.38	1.43	0.48	0.24	13.39
1962	0.63	0.59	0.42	0.42	7.93	5.45	2.61	3.21	0.42	2.12	1.12	0.66	25.58
1963	1.21	0.52	0.18	0.73	3.08	3.25	1.42	1.15	1.11	0.49	0.41	0.76	14.31
1964	0.42	0.79	0.98	1.21	5.07	5.22	0.76	5.22	0.53	0.41	1.28	0.75	22.64
1965	1.25	0.68	0.59	2.64	2.64	6.46	1.72	1.65	2.95	T	0.52	0.34	21.44
1966	0.40	0.63	0.40	0.86	2.53	3.13	1.37	0.97	0.29	1.09	0.79	1.19	13.65
1967	1.58	1.00	2.00	1.08	1.76	5.16	1.12	0.28	3.86	1.28	0.64	1.76	21.52
1968	0.97	0.22	0.59	1.31	3.78	3.65	1.05	2.64	2.95	0.49	1.13	0.48	19.26
1969	1.70	0.14	0.27	0.93	1.36	3.28	1.53	0.76	0.68	2.44	0.32	0.81	14.22
1970	1.51	1.13	1.28	1.98	4.38	1.47	1.42	0.91	1.49	1.40	0.62	0.39	17.98
1971	2.29	0.73	1.09	1.00	1.55	3.20	0.28	0.82	1.02	0.69	0.07	1.63	14.37
1972	1.34	0.57	1.35	1.33	2.29	2.06	2.97	4.19	0.45	1.19	0.11	0.81	18.66
1973	0.20	0.55	1.27	2.66	1.17	6.47	0.38	2.16	2.04	1.82	0.77	1.13	20.62
1974	1.01	0.55	1.05	1.26	6.01	0.99	2.05	4.49	0.96	0.94	0.52	0.87	20.70
1975	1.39	0.56	2.62	2.32	3.97	5.33	2.90	2.59	1.25	2.01	1.47	0.53	26.94
1976	0.46	0.37	0.59	1.34	1.11	3.20	1.33	0.66	1.70	0.56	1.01	0.30	12.63
1977	1.28	0.75	1.05	0.53	3.46	1.35	2.76	1.79	2.66	0.87	0.91	2.36	19.77
1978	2.75	0.76	0.35	0.70	4.52	5.01	4.83	0.89	3.77	0.89	1.50	2.14	28.11
1979	1.68	1.97	0.61	1.70	1.58	1.72	0.67	1.66	0.08	0.48	0.58	0.56	13.29
1980	0.81	0.84	1.36	0.63	2.97	1.93	0.61	1.96	1.24	1.98	0.49	0.44	15.26
1981	0.43	0.58	2.11	0.98	9.16	3.19	1.21	0.41	0.80	2.43	0.54	0.29	22.13
1982	1.66	0.90	1.68	1.83	5.64	2.62	1.87	1.04	1.42	1.47	0.33	1.91	22.37
1983	0.10	0.43	0.41	0.37	1.70	3.20	2.73	1.27	2.01	1.94	1.16	0.92	16.24
1984	1.27	0.82	1.02	0.50	0.82	2.13	0.11	0.48	1.00	0.43	1.24	1.39	11.21
1985	0.49	0.33	0.90	0.36	1.29	1.21	0.32	5.54	2.56	0.89	1.10	0.21	15.20
1986	0.26	0.39	0.49	1.19	3.86	2.19	2.80	1.63	3.15	0.64	0.84	0.17	17.61
1987	0.30	0.09	1.53	0.55	4.14	2.35	4.50	1.21	0.61	0.16	0.15	0.59	16.18
1988	0.66	0.80	0.75	0.93	3.18	1.64	0.85	0.56	1.37	1.25	0.07	0.74	12.80
1989	1.00	1.03	0.92	2.49	3.15	2.05	2.91	3.32	0.76	1.25	1.16	2.58	22.62
1990	0.70	0.12	0.93	1.39	3.07	1.30	1.78	2.55	T	0.29	0.74	0.59	13.46
1991	0.72	0.45	1.64	2.42	2.94	3.97	0.97	1.16	1.65	0.95	1.57	0.23	18.67
1992	0.33	0.12	1.05	1.27	1.31	3.15	3.09	2.57	0.82	0.67	0.67	0.67	15.72
1993	0.67	0.37	0.83	0.71	1.53	3.74	5.46	3.76	1.51	1.24	0.45	0.70	20.97
1994	0.91	0.65	0.46	2.92	1.69	2.06	1.03	0.29	0.30	1.98	1.22	0.40	13.91
1995	0.39	0.61	2.25	1.69	3.89	5.48	3.62	1.35	1.50	1.37	0.45	0.22	22.82
1996	0.75	0.17	1.27	1.18	2.34	1.26	1.01	0.50	1.89	0.59	0.76	1.11	12.83
1997	0.64	0.15	0.94	2.11	2.62	3.92	3.60	1.90	0.78	0.89	0.42	1.02	18.99
1998	0.82	0.15	1.59	0.91	2.36	4.72	1.97	3.44	0.82	0.71	0.73	0.97	19.19
1999	1.30	0.44	1.74	2.45	2.74	3.61	1.72	2.42	1.48	0.51	0.63	0.59	19.63
2000	0.49	0.62	M	1.55	1.39	2.70	2.67	0.20	1.77	0.79	0.56	0.20	12.94 Incomplete
2001	0.13	0.45	0.35	0.87	0.38	4.43	3.23	0.21	1.64	0.57	0.09	0.02	12.37
2002	0.62	0.37	0.50	0.28	1.56	3.66	0.87	4.32	1.91	1.19	0.35	0.31	15.94
2003	0.78	0.84	0.55	2.33	3.49	1.31	0.59	0.37	1.18	1.04	0.22	1.16	13.86
2004	0.20	0.26	0.48	0.85	2.51	3.20	0.72	1.29	0.79	1.20	0.12	0.46	12.08
2005	0.19	0.10	1.12	1.77	1.16	6.38	0.87	1.80	1.02	1.85	1.09	0.77	18.12
2006	M	0.48	1.27	2.42	3.03	3.21	0.59	0.62	1.79	2.76	0.24	0.33	16.74 Incomplete
2007	0.08	0.73	1.13	1.58	4.93	2.31	2.03	0.74	1.11	0.96	1.02	0.10	16.72
2008	0.37	0.39	0.24	0.55	5.25	3.75	0.29	1.72	1.51	0.82	1.15	0.39	16.43
2009	0.67	0.12	0.17	2.00	1.09	2.09	2.82	1.33	1.22	2.12	0.29	0.31	14.23
2010	0.41	0.15	0.39	1.73	3.23	5.46	1.54	3.66	2.08	0.76	1.81	0.72	21.94
2011	0.66	0.40	1.00	3.69	6.63	4.22	0.76	1.22	0.10	2.58	0.68	0.16	22.10
2012	0.58	0.45	0.92	3.36	2.68	2.70	1.71	0.43	0.02	1.54	0.61	0.36	15.36
2013	0.99	0.51	0.33	1.23	6.27	4.56	1.66	2.20	2.34	1.07	0.35	0.66	22.17
2014	0.99	0.29	1.47	1.01	1.70	2.64	0.92	6.06	1.49	0.86	0.69	0.64	18.76
2015	0.81	0.69	0.72	1.75	2.64	1.61	1.89	1.12	0.77	0.89	0.51	0.67	14.07
2016	0.67	0.72	0.81	1.51	3.98	0.76	3.41	1.76	2.41	4.01	0.06	0.33	20.43
2017	0.35	0.68	0.43	2.66	1.69	1.75	0.18	0.25	2.62	0.98	0.40	0.62	12.61
2018	0.52	1.47	0.73	1.75	5.10	5.63	0.62	1.13	1.52	0.76	1.36	0.31	20.90
2019	0.52	1.01	0.12	1.79	2.42	2.47	2.37	1.56	3.09	1.16	1.22	0.27	18.00
2020	0.42	0.79	0.41	0.91	3.76	3.64	0.46	1.14	0.63	1.32	0.35	0.38	14.21
2021	0.46	0.42	0.24	1.04	2.27	1.08	1.38	2.19	0.07	0.57	0.45	0.74	10.91
2022	0.33	0.43	0.39	2.09	1.70	2.09	2.62	1.89	2.38	1.90	0.60	0.18	16.60
2023	1.06	1.06	0.37	2.60	3.02	5.24	0.18	0.51	3.28	1.41	0.71	0.34	19.78
1900-2023	**0.76**	**0.64**	**0.94**	**1.41**	**2.95**	**3.54**	**1.87**	**1.66**	**1.55**	**1.22**	**0.75**	**0.77**	**18.05** 124 Yr Avg

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	0.57	0.55	0.66	1.75	2.98	3.22	1.44	1.61	1.53	1.34	0.62	0.44	16.73 Last 25 yrs
2014-2023	0.61	0.76	0.57	1.71	2.83	2.69	1.40	1.76	1.83	1.39	0.64	0.45	16.63 Last 10 yrs
2019-2023	***0.56***	***0.74***	***0.31***	***1.69***	***2.63***	***2.90***	***1.40***	***1.46***	***1.89***	***1.27***	***0.67***	***0.38***	***15.90 Last 5 Yrs***

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's — **17.65**

Avg Precip for each Decade in Lewistown

1910's — **18.66**

June 6, 1912 Mt Novarupta, Alaska

1920's — **18.70**

1927 Wettest year recorded in MT (21.73 in)

1930's — **15.30**

1931 Driest year recorded in MT (9.97 in)

1934 Hottest year recorded in Lewistown

1940's — **18.33**

The 2017 Montana Climate Report generally ignores data from the first half of the century (1900-1949) and starts its

1950's — **21.86**

1951 Coldest year recorded in Lewistown

1960's — **17.87**

1961-62 Peak of Nuclear Weapons Testing

1970's — **19.31**

May 18, 1980 - Mt Saint Helens, WA

1980's — **17.16**

June - Nov 1988 Yellowstone Fires

1990's — **17.62**

June 15, 1991 Mt Pinatubo, Philippines

1992 Earth Summit Agenda 21 (Rio, Brazil)

2000's — **14.97**

2010's — **18.63**

2015 Paris Climate Conference (COP21)

2017 Montana Climate Report ends its assessment

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

2023 Held vs. MT Court Decision

Lewistown is trending (-2.15 in) below its 124 year average.

Precipitation is at least 50% higher than the 124 year avg in the corresponding column

Precipitation is at least 50% lower than the 124 year avg in the corresponding column

*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Precipitation in Billings, Montana (Table 2-6)

Monthly Total Precipitation (in) for BILLINGS, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
1900	M	M	M	M	M	M	M	M	M	M	M	M	0.00 Incomplete
1901	M	0.35	M	M	M	M	M	M	M	M	M	M	0.35 Incomplete
1902	M	M	M	M	1.40	2.86	0.40	0.30	M	M	M	M	4.96 Incomplete
1903	0.20	M	0.55	T	M	M	M	M	M	M	M	M	0.75 Incomplete
1904	0.10	M	M	M	M	M	M	M	M	M	M	0.22	0.32 Incomplete
1905	0.92	0.30	0.95	M	3.86	5.31	0.61	M	1.54	1.41	1.01	0.07	15.98 Incomplete
1906	0.17	0.48	0.78	2.96	3.04	0.82	0.30	2.99	0.53	0.69	0.67	0.46	13.89
1907	1.25	1.25	1.44	1.21	4.63	1.17	1.63	0.36	0.68	0.57	0.10	0.43	14.72
1908	0.62	1.78	1.16	1.17	5.02	1.13	M	0.94	1.00	2.58	0.34	0.30	16.04 Incomplete
1909	0.69	0.50	0.94	0.93	1.64	2.89	2.16	0.96	0.79	0.43	0.30	0.51	12.74
1910	0.37	0.06	0.05	1.48	1.48	0.50	0.65	1.28	1.85	1.34	0.95	1.20	11.21
1911	1.35	0.08	0.11	0.97	3.24	1.59	0.90	0.89	0.50	0.71	0.28	0.31	10.93
1912	0.24	0.30	0.36	1.92	2.58	0.73	3.39	0.95	3.01	3.73	0.36	0.04	17.61
1913	0.43	0.07	0.86	0.22	1.49	2.15	1.27	1.41	1.80	2.57	0.26	0.16	12.69
1914	0.15	0.36	0.44	1.18	1.96	4.31	0.87	0.22	1.33	0.79	T	0.22	11.83
1915	0.76	0.06	1.07	0.31	2.86	5.22	2.61	1.37	2.42	0.18	1.00	0.66	18.52
1916	0.60	0.48	0.84	1.27	2.38	2.50	3.13	0.83	1.15	1.72	0.62	0.49	16.01
1917	0.35	0.48	0.66	1.99	4.01	2.17	1.00	0.26	1.36	1.03	0.14	1.54	14.99
1918	2.00	0.69	0.59	1.58	2.44	0.83	1.63	1.28	2.21	0.42	1.44	0.04	15.15
1919	0.04	0.17	0.43	0.17	1.22	0.36	0.75	0.58	0.60	2.57	1.24	0.77	8.90
1920	0.79	0.74	0.95	1.40	2.45	1.80	0.55	0.79	0.16	0.23	0.07	0.42	10.35
1921	0.08	0.02	0.87	0.83	3.30	2.42	0.79	0.51	0.46	T	1.37	0.48	11.13
1922	1.22	0.36	0.07	2.91	2.05	2.40	2.24	0.32	0.30	0.94	1.47	0.35	14.63
1923	0.11	0.40	0.75	1.13	2.94	2.68	2.41	2.08	4.84	1.98	0.02	0.33	19.67
1924	0.31	0.39	1.91	0.59	2.05	1.74	1.96	0.12	0.48	1.26	0.21	0.82	11.84
1925	0.35	0.53	0.81	1.58	1.44	3.11	1.90	0.32	0.74	1.99	0.44	1.32	14.53
1926	0.33	0.26	0.44	0.42	1.64	0.67	0.37	1.02	2.30	0.03	1.40	0.55	9.43
1927	0.84	0.19	0.32	2.10	3.70	3.34	1.51	1.79	0.72	0.15	1.74	1.07	17.47
1928	1.63	0.24	0.16	0.48	0.75	1.67	2.27	0.99	0.39	2.35	0.41	0.62	11.96
1929	0.80	0.63	1.06	0.50	1.25	1.06	0.95	0.23	1.66	1.14	0.77	0.64	10.69
1930	0.54	0.50	0.53	0.87	0.42	0.79	1.20	1.35	0.68	1.82	0.52	T	9.22
1931	0.14	0.28	0.60	0.98	0.67	0.79	0.58	0.59	1.68	0.92	0.72	0.06	8.01
1932	0.74	0.31	1.90	2.24	1.90	4.58	0.42	1.39	1.30	2.10	0.38	1.08	18.34
1933	1.14	0.63	1.04	0.84	2.63	0.40	0.38	3.86	0.14	0.44	0.84	0.82	13.16
1934	0.11	0.36	1.50	0.41	0.27	2.43	1.17	0.31	1.01	0.74	T	0.28	8.59
1935	0.16	0.23	1.73	0.97	2.78	0.80	0.11	0.47	0.26	0.59	0.51	0.71	9.32
1936	0.40	1.04	0.13	0.78	1.07	1.80	0.96	0.47	1.32	0.41	0.56	0.26	9.20
1937	0.40	0.56	0.76	0.72	0.53	4.93	0.69	0.18	1.83	2.45	0.75	0.59	14.39
1938	0.06	0.20	1.95	0.50	4.09	5.23	2.07	1.07	0.56	1.74	1.15	0.07	18.69
1939	0.39	0.37	0.88	0.72	2.09	7.07	0.23	0.78	0.36	0.91	T	0.15	13.95
1940	0.68	0.74	0.60	3.16	0.84	2.49	0.53	0.13	1.09	2.47	0.65	0.06	13.44
1941	0.04	0.20	0.63	2.00	2.00	3.09	1.17	1.10	4.99	1.24	1.20	1.13	18.79
1942	0.40	0.75	0.98	1.28	4.93	2.30	0.56	1.09	1.68	1.20	1.09	0.12	16.38
1943	1.54	0.99	1.80	0.49	1.24	3.22	0.48	0.68	0.55	0.29	0.51	0.07	11.86
1944	0.31	0.57	0.33	0.10	0.73	7.64	1.29	0.97	2.01	0.03	0.29	1.17	15.44
1945	0.26	0.32	0.65	0.64	1.86	2.21	0.68	1.18	1.33	0.50	0.57	0.66	10.86
1946	0.14	0.19	1.35	0.28	1.09	1.44	0.91	0.95	1.68	2.14	0.65	0.93	11.75
1947	0.15	0.66	1.08	1.24	1.09	3.84	0.27	1.04	1.39	0.52	0.63	0.81	12.72
1948	0.46	0.35	0.79	0.74	1.25	1.66	0.95	0.48	0.40	0.02	0.09	0.71	7.90
1949	1.55	0.62	0.92	0.74	1.53	2.12	1.72	0.22	2.26	2.72	0.03	0.83	15.26
1950	0.65	0.41	1.26	1.17	2.07	1.98	1.85	0.68	1.46	0.83	0.71	0.69	13.76
1951	0.64	0.64	1.01	0.88	1.46	1.70	0.64	1.95	1.01	0.86	0.16	1.04	11.99
1952	0.36	0.93	0.41	0.87	3.40	1.11	0.80	0.83	1.07	0.47	0.39	0.15	10.79
1953	0.62	0.81	0.96	1.32	2.28	1.77	0.40	1.02	0.88	1.15	0.28	0.21	11.70
1954	1.24	0.13	2.70	1.19	1.90	1.25	0.23	0.76	1.06	1.15	T	0.14	11.75
1955	0.07	1.57	1.60	4.42	4.27	1.72	1.41	0.05	0.82	1.26	0.81	1.89	19.89
1956	0.56	0.43	0.30	1.59	2.47	0.66	1.07	0.87	0.55	0.60	0.97	0.51	10.58
1957	0.82	0.55	1.52	3.55	3.39	4.49	0.25	1.47	1.24	2.58	1.31	0.05	21.22
1958	0.48	1.66	1.35	2.07	0.65	3.28	3.12	0.42	0.50	0.55	1.16	1.50	16.74
1959	1.02	1.13	0.23	2.36	1.07	0.97	0.31	0.19	1.38	0.69	1.92	0.33	11.60
1960	0.66	0.53	0.53	1.00	1.31	1.11	0.17	1.95	0.16	0.81	0.55	0.61	9.39
1961	0.15	0.20	0.72	2.33	1.57	0.24	0.85	0.23	3.99	1.47	1.55	0.22	13.52
1962	1.90	1.26	1.23	0.06	3.67	1.72	0.86	1.19	0.95	0.29	0.86	0.23	14.22
1963	2.23	0.31	0.39	2.38	2.49	3.16	0.49	0.39	1.29	0.31	0.05	1.43	14.92
1964	0.11	0.35	1.38	4.11	3.91	5.13	0.10	2.08	0.06	0.22	0.72	0.59	18.76
1965	0.66	1.18	0.90	1.18	1.89	2.30	1.28	3.50	2.17	0.09	0.66	0.74	16.55
1966	0.43	0.32	1.58	1.10	0.84	1.56	1.45	1.09	2.46	0.50	1.07	0.95	13.35
1967	0.36	0.39	1.55	1.63	1.84	5.18	0.37	0.54	0.66	1.04	0.50	0.79	14.85
1968	1.22	0.58	0.66	1.50	1.79	3.86	0.25	2.35	1.38	0.51	1.71	0.81	16.62
1969	0.99	0.17	0.57	1.48	0.78	5.74	1.69	0.42	0.36	1.56	0.66	0.31	14.73
1970	0.87	1.10	0.95	3.04	3.48	1.61	0.37	0.21	1.92	0.93	0.82	0.79	16.09
1971	1.30	0.56	0.83	1.60	2.07	0.70	0.40	0.43	1.80	3.80	0.17	1.13	14.79
1972	2.35	0.81	0.80	1.63	2.51	0.91	1.91	1.61	1.31	2.24	1.01	1.08	18.17
1973	1.30	0.43	1.59	3.00	0.73	0.81	0.29	1.23	2.21	1.36	1.21	2.00	16.16
1974	0.78	0.22	1.20	1.65	2.80	1.94	0.91	2.18	1.80	2.24	0.28	0.30	16.30
1975	2.05	0.75	1.30	1.91	3.62	1.62	2.64	0.37	0.24	2.66	1.39	1.96	20.51
1976	0.58	1.12	0.95	3.53	1.85	2.70	0.07	0.60	1.21	0.91	0.68	0.31	14.51
1977	1.44	0.05	1.37	0.64	1.35	0.63	0.80	1.05	0.65	1.20	1.42	1.65	12.25
1978	2.03	1.77	0.18	4.12	6.97	1.55	1.54	0.52	3.78	0.27	2.34	1.74	26.81
1979	0.72	0.56	1.11	1.20	0.92	1.06	0.46	0.87	0.16	0.73	0.53	0.09	8.41
1980	1.11	0.78	1.53	0.46	4.47	1.64	0.39	1.17	0.77	2.45	0.42	0.33	15.52
1981	0.21	0.24	1.75	0.35	7.71	1.58	1.65	0.55	0.14	1.33	0.41	0.53	16.45
1982	0.71	0.34	1.81	1.53	2.63	5.03	1.91	0.45	1.22	1.15	0.42	1.07	18.27
1983	0.11	0.31	0.73	0.56	2.23	0.88	1.52	1.12	2.26	1.32	0.90	0.92	12.86
1984	0.65	0.93	0.84	1.38	1.12	1.65	0.29	0.58	1.32	0.37	0.95	0.84	10.92
1985	0.31	0.39	2.05	0.31	1.27	1.07	1.40	1.66	1.89	0.69	1.43	0.20	12.67
1986	0.37	1.72	1.04	2.72	1.92	2.15	1.01	0.43	1.24	0.33	1.21	0.12	14.26
1987	0.07	0.49	1.36	0.42	3.84	1.03	2.23	1.73	0.68	0.01	0.29	0.31	12.46
1988	0.45	0.71	0.66	1.82	1.84	0.43	0.04	0.12	2.12	1.01	0.60	0.56	10.36
1989	1.27	0.56	2.04	2.36	2.06	1.18	0.55	0.76	0.70	2.05	0.52	1.36	15.41
1990	0.29	0.50	1.70	2.06	2.81	0.66	0.37	0.93	0.08	1.05	0.33	0.49	11.27
1991	0.82	0.49	0.62	3.87	2.25	5.62	1.04	0.35	3.11	1.29	0.96	0.31	20.73
1992	0.09	0.12	0.65	2.35	1.70	2.69	1.67	0.34	0.62	0.42	0.30	0.51	11.46
1993	0.47	0.32	0.50	1.86	0.40	2.05	5.08	0.69	1.76	2.11	0.26	0.20	15.70
1994	0.34	0.36	0.62	1.89	1.53	1.97	2.02	0.11	1.33	2.06	1.17	0.25	13.65
1995	0.53	0.28	1.87	1.84	3.69	3.10	1.62	1.00	1.01	0.94	0.51	0.34	16.73
1996	0.82	0.62	1.02	1.06	3.85	0.85	0.57	0.07	1.80	0.58	0.86	0.23	12.33
1997	0.95	0.02	0.80	1.13	1.49	4.14	2.76	0.94	0.28	1.16	0.49	0.41	14.57
1998	1.03	0.23	1.32	1.29	1.26	3.63	2.29	1.94	1.50	1.36	0.76	0.41	17.02
1999	0.48	0.26	0.54	2.41	1.76	2.17	0.36	1.61	1.49	0.12	0.25	0.20	11.65
2000	0.55	1.30	0.78	1.32	1.64	1.30	0.51	0.06	1.85	0.54	0.49	0.34	10.68
2001	0.30	0.60	0.79	1.51	0.22	4.11	1.05	0.01	1.06	0.76	0.37	0.17	10.95
2002	0.37	0.23	0.25	2.09	1.09	1.41	0.55	0.67	1.23	1.12	0.04	0.25	9.30
2003	0.40	0.81	0.83	1.40	1.89	1.79	T	0.03	0.15	1.38	0.30	0.76	9.74
2004	0.25	0.78	0.11	1.51	0.81	1.95	2.27	0.23	1.19	1.67	0.06	0.25	11.08
2005	0.25	0.25	0.67	3.31	1.78	2.35	1.77	0.30	0.83	1.97	1.39	0.44	15.31
2006	0.05	0.11	2.67	1.50	1.14	0.49	0.40	0.42	2.73	2.22	0.86	0.38	12.97
2007	0.34	0.56	1.37	2.51	3.93	1.12	1.63	0.07	1.73	2.48	0.43	0.28	16.45
2008	0.35	0.07	0.42	0.20	4.83	0.31	0.77	1.18	2.44	1.82	0.27	1.23	13.89
2009	0.43	0.37	1.36	1.83	0.64	1.55	0.61	1.20	0.65	1.45	0.17	0.65	10.91
2010	1.09	0.39	0.43	1.24	1.92	5.10	1.70	2.78	0.63	0.63	1.89	0.95	18.75
2011	0.24	0.71	0.68	1.82	9.54	1.46	0.93	1.71	0.12	1.66	0.46	0.21	19.54
2012	0.61	0.24	0.70	0.64	1.96	0.24	0.39	0.30	T	1.14	0.64	0.27	7.13
2013	0.59	0.29	0.26	1.02	4.28	0.88	0.67	0.19	3.63	2.57	0.34	1.98	16.70
2014	1.02	2.06	1.32	1.18	2.25	1.75	0.34	1.97	0.57	0.16	0.74	0.67	14.03
2015	1.09	0.21	0.37	1.57	2.43	1.60	1.66	0.91	0.27	1.80	0.48	0.57	12.96
2016	0.44	0.09	1.55	1.28	2.04	0.23	0.45	1.67	1.58	3.51	0.38	1.67	14.89
2017	0.63	0.83	2.22	3.34	1.61	2.31	0.13	0.17	2.74	0.49	1.35	1.81	17.63
2018	0.60	1.66	0.70	2.16	5.22	3.94	0.65	1.45	0.78	0.70	0.46	0.69	19.01
2019	0.95	2.00	0.37	1.98	2.41	2.08	2.08	2.05	3.24	0.84	0.96	0.14	19.10
2020	0.22	0.62	1.00	0.40	1.21	4.35	0.49	1.45	0.54	2.16	0.37	0.43	13.24
2021	0.23	1.08	0.67	1.25	1.21	0.29	0.16	2.44	0.04	1.45	0.34	0.97	10.13
2022	0.41	0.82	0.78	2.44	2.08	2.88	2.18	0.47	1.17	0.68	0.76	0.61	15.28
2023	0.50	0.65	1.50	0.78	2.87	6.36	0.55	1.29	0.57	2.02	0.04	0.33	17.46
1900-2023	**0.64**	**0.57**	**0.96**	**1.50**	**2.30**	**2.25**	**1.10**	**0.94**	**1.30**	**1.22**	**0.70**	**0.63**	**14.11** 124 Yr Avg

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	0.50	0.68	0.89	1.63	2.43	2.08	0.93	0.99	1.30	1.41	0.55	0.65	14.04 Last 25 yrs
2014-2023	0.61	1.00	1.05	1.64	2.33	2.58	0.87	1.39	1.15	1.38	0.59	0.79	15.37 Last 10 yrs
2019-2023	***0.46***	***1.03***	***0.86***	***1.37***	***1.96***	***3.19***	***1.09***	***1.54***	***1.11***	***1.43***	***0.49***	***0.50***	***15.04 Last 5 Yrs***

Precipitation is at least 50% higher than the 124 year avg in the corresponding column

Precipitation is at least 50% lower than the 124 year avg in the corresponding column

*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

DATA FROM BILLINGS WATER TREATMENT PLANT (1900-1934)

DATA FROM BILLINGS INTERNATIONAL AIRPORT (1935-2023)

2017 Montana Climate Assessment Report (1950-2015)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State
1900 Census Population of Billings 3,221

1900's — **13.78**

Avg Precip for each Decade in Billings

1910 Census Population of Billings 10,013

June 6, 1912 Mt Novarupta, Alaska

1910's — **13.78**

1916 Coldest year ever recorded in Billings

1920 Census Population of Billings 15,100

1920's — **13.17**

1927 Wettest year recorded in MT (21.73 in)

1930 Census Population of Billings 16,380

1931 Driest year recorded in MT (9.97 in)

1934 Hottest year ever recorded in Billings

1930's — **12.29**

1940 Census Population of Billings 23,261
Why didn't the Montana Climate Report Start a decade earlier in 1940?

1940's — **13.44**

The 2017 Montana Climate Report generally ignores data from the first half of the century (1900-1949) and starts its assessment in 1950

1950's — **14.00**

1950 Census Population of Billings 31,834

1960 Census Population of Billings 52,851

1961-62 Peak of Nuclear Weapons Testing

1960's — **14.69**

1970 Census Population of Billings 61,581

1970's — **16.40**

May 18, 1980 - Mt Saint Helens, WA

1980 Census Population of Billings 66,798

1980's — **13.92**

June - Nov 1988 Yellowstone Fires

1990 Census Population of Billings 81,151

June 15, 1991 Mt Pinatubo, Philippines

1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's — **14.51**

2000 Census Population of Billings 91,740

2000's — **12.13**

2010 Census Population of Billings 104,170

2017 Montana Climate Report ends its assessment.

2010's — **15.97**

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

2020 Census Population of Billings 117,205

2023 Held vs. MT Court Decision

Billings is trending (+0.93 in) above its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Precipitation in Glasgow, Montana (Table 2-7)

Monthly Total Precipitation (in) for Glasgow, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total
1900	0.11	0.54	1.47	1.16	1.62	0.15	0.20	0.93	0.83	0.71	0.78	0.91	9.41
1901	0.90	0.27	T	0.76	1.01	4.06	1.73	M	2.13	0.02	0.84	0.64	12.36 Incomplete
1902	0.20	1.40	1.24	0.51	M	1.77	0.03	0.32	0.15	0.23	1.39	0.54	7.78 Incomplete
1903	0.17	0.07	0.18	0.12	5.35	0.07	1.37	1.02	0.14	0.09	0.44	0.07	9.09
1904	1.50	0.55	4.06	0.75	0.70	1.59	0.35	0.42	0.21	0.22	M	1.44	11.79 Incomplete
1905	0.13	0.22	0.65	M	M	M	2.47	0.18	0.72	0.10	0.30	0.17	4.94 Incomplete
1906	M	0.05	0.14	1.92	5.69	7.12	0.34	1.26	1.78	0.00	0.25	1.20	19.75 Incomplete
1907	M	0.17	1.08	0.67	1.50	3.35	0.90	1.97	0.46	0.00	T	0.30	10.40 Incomplete
1908	0.15	M	1.31	M	M	M	M	M	M	M	M	M	1.46 Incomplete
1909	M	T	M	M	M	M	M	M	M	M	M	M	0.00 Incomplete
1910	M	M	M	M	M	M	M	M	M	M	0.48	M	0.48 Incomplete
1911	0.34	0.60	0.13	M	2.09	1.03	1.01	M	M	M	M	M	5.20 Incomplete
1912	M	0.05	M	0.90	M	1.06	2.66	5.12	1.06	0.07	0.10	0.20	11.22 Incomplete
1913	0.95	0.05	0.69	0.04	2.07	2.33	1.08	1.11	0.23	2.23	M	M	10.78 Incomplete
1914	M	M	M	M	1.67	4.68	2.98	2.99	1.37	1.29	0.07	0.85	15.90 Incomplete
1915	0.99	0.25	0.17	0.14	4.66	2.64	3.17	0.58	1.76	0.50	0.94	0.93	16.73 Incomplete
1916	2.50	1.64	1.34	0.45	2.18	4.90	2.97	0.95	2.37	0.38	0.23	M	19.91 Incomplete
1917	0.47	0.49	0.71	1.44	0.08	1.22	0.89	0.32	1.01	0.13	0.00	1.07	7.83
1918	0.73	0.38	0.09	1.12	0.37	0.66	1.90	4.26	0.77	0.55	0.26	0.56	11.65
1919	0.00	0.45	0.24	0.84	1.22	1.01	1.81	0.89	0.36	0.46	0.31	0.15	7.74
1920	0.43	0.40	0.35	1.27	1.17	2.19	1.49	1.27	1.16	0.36	0.04	0.18	10.31
1921	0.04	0.39	0.98	1.29	2.05	6.35	2.65	0.07	1.63	0.07	0.94	0.50	16.96
1922	0.50	1.22	0.45	1.07	4.30	1.71	1.36	2.37	0.75	0.04	0.26	0.15	14.18
1923	0.63	0.23	0.12	0.67	2.37	10.29	2.66	1.16	0.77	0.23	0.33	0.07	19.53
1924	0.34	0.51	0.22	1.09	1.82	4.84	1.01	3.10	0.46	3.41	0.32	1.08	18.20
1925	0.18	0.55	1.48	1.30	0.90	2.39	0.79	0.09	3.59	1.10	0.19	0.58	13.14
1926	1.07	0.17	0.07	0.09	1.60	2.30	0.44	1.66	2.28	0.03	1.41	0.62	11.74
1927	0.09	0.09	1.25	1.34	4.99	2.10	2.83	1.39	2.40	1.64	1.18	1.07	20.37
1928	0.15	0.33	0.34	0.64	0.78	3.80	1.88	1.09	0.13	0.30	0.00	0.35	9.79
1929	0.91	0.05	0.70	0.47	1.22	3.13	0.10	0.87	1.06	1.23	0.44	1.42	11.60
1930	0.18	0.46	0.02	2.14	0.66	1.07	0.66	0.20	1.08	1.27	0.50	0.04	8.28
1931	0.06	0.07	0.35	0.02	0.28	2.55	3.00	0.38	2.02	T	0.08	0.72	9.53
1932	0.21	0.28	0.93	2.37	0.85	3.79	1.53	2.74	0.21	1.12	0.89	T	14.92
1933	0.20	0.05	0.20	1.21	1.86	2.03	0.75	5.28	0.72	0.70	0.35	0.95	14.30
1934	0.06	0.23	0.36	0.11	0.99	1.93	1.70	0.19	0.75	0.03	0.22	0.26	6.83
1935	0.83	0.11	1.16	0.26	1.09	2.63	2.24	0.42	0.37	0.46	0.24	0.21	10.02
1936	0.51	0.42	0.43	0.34	1.52	1.45	0.30	0.84	0.43	0.55	0.27	0.87	7.93
1937	0.21	0.11	0.54	0.79	0.16	1.74	0.47	0.11	1.41	1.80	0.14	0.19	7.67
1938	0.64	0.37	1.25	0.11	2.46	4.71	2.59	1.08	4.72	1.63	0.77	0.40	20.73
1939	0.54	0.07	0.15	0.95	2.79	4.66	0.81	1.30	0.38	0.85	0.02	0.99	13.51
1940	0.28	0.35	0.69	5.03	1.46	1.78	2.69	0.10	0.10	1.13	0.62	0.17	14.40
1941	0.52	0.56	0.37	1.32	0.96	3.32	0.76	1.90	0.95	0.49	0.90	0.21	12.26
1942	0.16	0.61	0.46	0.84	1.60	4.78	0.69	0.85	1.01	1.26	0.83	0.30	13.39
1943	1.11	0.07	0.63	0.54	0.55	5.14	1.04	1.47	0.01	1.66	0.12	0.06	12.40
1944	0.05	0.42	1.25	0.70	1.08	5.40	0.49	2.79	0.89	0.07	0.90	0.11	14.15
1945	0.57	0.42	1.25	0.94	1.08	2.38	0.70	0.42	1.17	0.72	0.59	0.57	10.81
1946	0.22	0.33	0.43	0.05	1.09	3.06	3.44	0.36	2.76	0.78	0.63	0.61	13.76
1947	0.45	0.19	0.49	1.65	0.66	3.31	1.28	5.55	0.49	0.38	0.25	0.41	15.11
1948	0.32	0.58	0.53	1.69	2.48	3.44	2.23	0.88	0.38	0.02	0.69	1.00	14.24
1949	0.37	0.46	0.20	T	1.39	1.18	1.48	0.69	0.36	0.83	0.02	1.49	8.47
1950	1.33	0.51	0.83	0.85	1.12	6.95	0.54	2.27	3.30	0.31	0.67	0.34	19.02
1951	1.40	0.78	0.54	1.69	0.63	2.22	0.87	1.43	1.40	0.85	0.48	0.79	13.08
1952	0.50	1.45	0.49	0.30	1.99	3.54	2.03	1.39	0.78	0.02	0.11	0.19	12.79
1953	0.48	0.85	0.64	1.63	4.92	3.45	0.58	0.98	0.33	0.27	0.15	1.05	15.33
1954	1.20	0.21	1.37	1.29	2.48	2.04	0.21	4.88	1.14	1.05	0.12	0.25	16.24
1955	0.52	0.59	0.54	2.62	3.11	0.69	2.60	0.09	0.42	0.10	0.82	0.46	12.56
1956	0.11	0.49	0.13	0.07	2.29	1.68	1.62	2.03	0.10	0.03	0.38	0.26	9.19
1957	0.48	0.56	0.05	1.33	1.00	2.86	0.98	2.01	0.51	0.45	0.09	0.07	10.39
1958	0.13	0.33	0.29	0.58	0.03	2.06	1.15	0.52	0.31	0.13	1.26	0.28	7.07
1959	0.48	0.50	0.14	0.42	1.18	2.79	0.57	0.59	1.26	1.02	0.72	0.03	9.70
1960	0.43	0.32	0.27	0.72	1.43	1.61	0.55	0.95	0.04	0.34	0.30	0.34	7.30
1961	0.09	0.45	0.35	0.55	1.04	1.17	1.66	0.38	2.04	0.78	0.19	0.19	8.89
1962	0.34	0.45	0.55	0.21	2.50	4.43	5.17	1.87	0.48	1.15	0.43	0.19	17.77
1963	0.32	0.47	0.27	1.22	1.13	5.36	1.65	3.30	0.32	0.12	0.21	0.30	14.67
1964	0.21	0.19	0.61	0.41	2.52	2.78	1.20	0.85	0.52	0.20	0.26	0.78	10.53
1965	0.46	0.20	0.30	0.51	3.25	4.64	0.91	3.01	0.79	T	0.12	0.12	14.31
1966	0.51	0.14	0.10	0.59	1.91	0.89	3.13	3.65	0.41	0.68	0.34	0.23	12.58
1967	0.84	0.25	0.83	0.84	0.68	2.23	0.12	0.18	2.20	1.13	0.36	0.26	9.92
1968	0.13	0.15	0.10	0.67	0.23	2.24	0.82	2.00	0.75	0.10	0.07	0.39	7.65
1969	1.24	0.14	0.17	1.99	0.25	1.23	3.45	0.05	0.27	1.33	T	0.36	10.48
1970	0.49	0.05	0.27	1.51	1.88	2.43	1.07	0.04	1.32	0.44	0.49	0.26	10.25
1971	0.99	0.21	0.27	0.42	0.91	1.26	0.20	0.78	0.48	1.08	0.04	0.26	6.90
1972	0.55	0.59	0.50	0.84	2.73	3.77	2.30	2.40	0.69	0.22	0.02	0.61	15.22
1973	T	0.09	0.27	1.24	0.54	4.35	0.59	1.21	1.43	0.24	0.46	0.78	11.20
1974	0.18	0.25	0.93	0.49	3.27	2.00	2.31	2.69	0.07	0.42	0.26	0.25	13.12
1975	0.11	0.23	0.61	1.30	1.93	1.20	4.18	1.37	0.42	1.77	0.40	0.38	13.90
1976	0.27	0.13	0.30	0.60	0.64	4.27	5.00	1.16	0.41	0.21	0.26	0.28	13.53
1977	0.42	0.12	0.11	0.17	1.83	1.16	0.78	0.58	2.62	0.40	0.24	0.86	9.29
1978	0.19	0.40	0.25	0.51	3.65	2.72	2.63	0.16	4.14	0.28	0.48	0.45	15.86
1979	0.15	0.74	0.43	1.27	2.46	0.48	0.75	0.76	0.27	0.57	0.18	0.05	8.11
1980	0.50	0.14	0.36	0.22	0.46	2.55	0.44	1.36	0.87	1.35	0.20	0.50	8.95
1981	0.06	0.10	0.31	0.19	2.13	1.83	1.72	0.23	0.08	1.40	0.55	0.19	8.79
1982	0.75	0.43	0.72	0.22	3.74	1.03	0.97	1.19	0.98	1.09	0.06	1.03	12.21
1983	0.18	0.24	0.39	0.10	1.59	0.77	2.62	0.03	0.97	0.24	0.16	0.27	7.56
1984	0.43	0.20	0.68	0.10	0.78	1.99	0.01	0.43	0.81	0.57	0.18	0.56	6.74
1985	0.05	0.05	0.27	0.91	2.34	0.09	0.69	5.74	0.83	0.64	0.74	0.50	12.85
1986	0.31	0.55	0.32	0.41	2.49	1.60	1.55	0.83	3.81	0.86	0.57	0.10	13.40
1987	0.08	0.11	1.27	0.45	1.73	1.07	2.90	0.88	0.66	0.03	0.03	0.03	9.24
1988	0.45	0.24	0.22	0.33	1.33	1.54	1.28	0.47	0.95	0.14	0.11	0.42	7.48
1989	0.63	0.60	0.36	1.62	2.09	0.95	0.95	1.48	0.20	0.61	0.47	0.35	10.31
1990	0.32	0.09	0.29	0.71	0.94	1.13	0.64	1.45	0.12	0.14	0.48	0.53	6.84
1991	0.21	0.32	0.62	1.29	1.29	4.13	1.32	0.49	0.61	0.13	0.42	0.15	10.98
1992	0.25	0.04	0.45	0.39	0.67	3.15	1.35	0.90	0.41	0.74	0.65	0.24	9.24
1993	0.20	0.34	0.82	0.43	0.50	1.96	5.93	4.31	0.60	0.47	0.58	0.13	16.27
1994	0.72	0.33	0.16	0.77	1.92	2.58	0.36	0.86	0.26	1.80	0.11	0.15	10.02
1995	0.23	0.06	0.84	1.44	0.79	4.79	2.11	0.95	0.16	1.02	0.37	0.41	13.17
1996	0.50	0.11	0.33	0.38	1.29	2.03	0.63	0.09	2.94	0.06	1.53	0.51	10.40
1997	0.31	0.04	0.49	1.79	0.82	1.36	2.71	2.63	0.55	0.76	0.28	0.01	11.75
1998	0.26	0.15	0.73	1.42	1.02	4.11	1.40	0.48	0.92	3.05	0.68	0.60	14.82
1999	0.83	0.56	0.28	1.38	3.22	2.51	2.22	1.26	1.06	0.41	0.36	0.20	14.29
2000	0.23	0.25	0.54	1.05	2.56	3.66	2.73	0.26	0.94	0.71	0.88	0.37	14.18
2001	0.18	0.14	0.05	0.57	0.77	4.89	5.29	T	0.40	0.28	0.11	0.01	12.69
2002	0.38	0.11	0.40	0.73	1.04	3.35	2.31	2.58	0.99	0.29	0.15	0.02	12.35
2003	0.29	0.24	0.44	1.24	1.70	1.96	1.47	0.86	0.78	0.56	0.44	0.82	10.80
2004	1.02	0.37	0.20	0.59	3.15	2.34	2.09	1.07	0.28	0.47	0.30	0.59	12.47
2005	0.17	0.03	0.61	1.39	0.80	3.78	0.29	0.88	0.63	0.55	0.63	0.37	10.13
2006	0.30	0.97	0.22	1.16	1.88	0.92	0.33	0.48	2.40	1.26	0.40	0.29	10.61
2007	0.08	0.36	0.09	1.06	6.61	3.28	0.68	0.23	0.96	1.56	0.09	0.05	15.05
2008	0.44	0.36	0.27	0.84	3.46	3.37	1.80	0.71	1.40	1.29	0.32	1.30	15.56
2009	0.46	0.05	0.10	1.49	0.87	0.56	2.61	2.21	0.58	0.83	T	0.34	10.10
2010	0.57	0.14	0.14	0.85	4.06	3.09	2.35	2.99	1.71	0.36	0.34	1.46	18.06
2011	1.97	0.47	0.52	0.46	6.97	5.20	4.50	0.91	0.16	0.71	0.73	0.35	22.95
2012	0.15	0.74	0.41	1.35	3.06	2.36	2.00	0.76	0.02	0.96	0.73	0.49	13.03
2013	0.56	0.10	1.00	1.15	4.46	4.19	0.95	0.18	1.83	0.24	0.35	0.86	15.87
2014	0.13	0.22	0.71	0.93	1.40	2.26	0.58	6.72	0.80	0.40	0.74	0.11	15.00
2015	0.80	0.26	0.75	1.19	1.32	2.58	1.75	0.84	0.57	1.67	0.60	0.71	13.04
2016	0.34	0.27	0.53	2.61	4.46	3.51	3.42	0.52	1.67	3.11	0.06	0.36	20.86
2017	0.47	0.55	0.49	0.52	0.58	0.14	0.69	0.28	1.12	0.91	0.17	0.72	6.64
2018	0.37	0.78	1.27	0.42	1.47	1.62	0.92	0.56	1.28	1.12	0.77	0.70	11.28
2019	0.29	1.41	0.19	0.87	1.20	2.90	1.54	2.74	4.57	0.62	0.85	0.37	17.55
2020	0.29	0.52	0.40	0.43	3.24	2.17	1.92	0.29	1.04	1.22	0.82	0.01	12.35
2021	0.07	0.10	0.21	0.43	1.55	0.45	0.66	1.82	0.03	0.25	0.19	0.86	6.62
2022	0.26	0.11	0.26	0.94	2.11	1.44	1.94	0.29	0.13	1.82	0.67	0.87	10.84
2023	0.11	0.42	1.06	0.81	3.89	2.41	0.64	0.53	0.71	1.62	0.28	0.09	12.57
1900-2023	**0.45**	**0.36**	**0.54**	**0.90**	**1.90**	**2.66**	**1.61**	**1.37**	**1.02**	**0.72**	**0.43**	**0.47**	**12.41** 124 Yr Avg

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	0.43	0.38	0.45	0.98	2.63	2.60	1.83	1.25	1.04	0.93	0.46	0.49	13.46 Last 25 yrs
2014-2023	0.31	0.46	0.59	0.92	2.12	1.95	1.41	1.46	1.19	1.27	0.52	0.48	12.68 Last 10 yrs
2019-2023	***0.20***	***0.51***	***0.42***	***0.70***	***2.40***	***1.87***	***1.34***	***1.13***	***1.30***	***1.11***	***0.56***	***0.44***	***11.99*** ***Last 5 Yrs***

Precipitation is at least 50% higher than the 124 year avg in the corresponding column
Precipitation is at least 50% lower than the 124 year avg in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

2017 Montana Climate Assessment Report (1950-2015)

DATA FROM Glasgow #2 (1900 - 1947)

DATA FROM Glasgow Airport (1948 - 2023)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's — **Not Enough Data**

Avg Precip for each Decade in Glasgow

1910's — June 6, 1912 Mt Novarupta, Alaska — **Not Enough Data** — 1916 Coldest year recorded in Glasgow

1920's — **14.58** — 1927 Wettest year recorded in MT (21.73 in)

1930's — 1931 Driest year recorded in MT (9.97 in) — **11.37**

1940's — **12.90**

The 2017 Montana Climate Report generally ignores data from the first half of the century (1900-1949) and starts its assessment in 1950

1950's — **12.54**

1960's — 1961-62 Peak of Nuclear Weapons Testing — **11.41**

1970's — **11.74** — May 18, 1980 - Mt Saint Helens, WA

1980's — **9.75** — 1987 Hottest year recorded in Glasgow; June - Nov 1988 Yellowstone Fires

1990's — June 15, 1991 Mt Pinatubo, Philippines; 1992 Earth Summit Agenda 21 (Rio, Brazil) — **11.78**

2000's — **12.39**

2010's — **15.43** — 2015 Paris Climate Conference (COP21)

2017 Montana Climate Report ends its assessment.

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

2023 Held vs. MT Court Decision

Glasgow is trending (-0.42 in) below its 124 year average.

Print on 11"x17" Paper (Tabloid), D. Weber, March 2024

124 Years of Precipitation in Glendive, Montana (Table 2-8)

Monthly Total Precipitation (in) for Glendive, MT (1900 - 2023)*

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	0.01	0.70	1.50	0.59	0.73	0.95	0.47	2.40	2.90	1.10	0.85	0.17	12.37
1901	0.00	0.93	0.81	0.73	T	4.67	3.65	0.15	2.24	T	0.40	1.50	15.08
1902	0.50	1.60	2.90	0.30	4.81	2.87	1.75	2.50	0.15	0.30	1.00	1.50	20.18
1903	1.32	0.40	0.40	0.44	1.29	1.30	3.55	2.27	1.40	T	T	0.75	13.12
1904	1.45	0.40	2.20	0.55	0.80	2.55	0.15	0.75	0.15	T	0.00	0.90	9.90
1905	0.80	0.70	0.41	T	2.35	M	M	M	M	M	M	M	4.26 Incomplete
1906	M	M	0.73	2.13	5.18	3.75	0.24	M	M	M	0.43	1.06	13.52 Incomplete
1907	0.65	0.42	0.45	0.20	1.90	3.93	M	1.32	T	T	0.06	0.46	9.39 Incomplete
1908	0.37	0.76	M	M	2.40	1.91	1.63	M	1.84	3.10	T	0.10	12.11 Incomplete
1909	0.54	0.53	T	0.33	4.78	5.14	4.17	0.63	0.70	T	0.44	0.47	17.73
1910	0.20	0.43	0.85	1.60	1.10	2.03	1.74	M	M	M	M	M	7.95 Incomplete
1911	M	M	0.25	1.09	4.35	2.21	0.63	1.83	3.13	0.80	0.65	0.48	15.42 Incomplete
1912	0.30	0.05	0.90	2.20	4.46	0.90	2.07	4.34	1.10	1.90	0.05	T	18.27
1913	0.43	T	0.98	0.53	1.34	2.23	0.93	2.22	2.12	1.85	0.10	0.00	12.73
1914	0.26	0.90	1.33	0.15	0.93	4.75	0.35	0.92	1.22	0.95	0.23	0.40	12.39
1915	0.25	0.33	0.07	0.29	3.43	4.14	3.75	0.23	2.45	1.00	1.11	0.47	17.52
1916	0.91	0.04	0.35	0.25	1.21	5.22	4.96	6.29	4.37	0.67	0.50	1.25	26.02
1917	0.62	0.25	0.49	1.56	1.47	2.87	0.51	1.06	0.19	0.24	T	2.04	11.30
1918	0.56	0.17	0.40	2.14	1.25	0.73	1.14	3.05	0.83	0.60	0.91	0.48	12.26
1919	T	0.63	0.80	0.79	1.55	0.81	0.69	0.09	M	1.33	0.23	0.65	7.57 Incomplete
1920	0.80	0.20	0.66	2.89	0.68	2.47	1.74	1.40	1.52	M	0.05	0.05	12.46 Incomplete
1921	0.11	0.18	0.37	1.02	M	4.05	2.84	0.29	1.90	0.05	0.56	0.18	11.55 Incomplete
1922	0.06	0.55	0.12	1.45	4.23	1.11	M	1.02	1.40	0.68	M	0.79	11.41 Incomplete
1923	0.16	0.49	M	M	1.16	5.02	2.45	0.88	2.64	0.53	1.23	0.09	14.65 Incomplete
1924	M	0.55	1.12	1.44	0.85	4.34	1.42	0.51	M	2.06	0.27	0.61	13.17 Incomplete
1925	T	0.09	0.89	0.97	0.71	6.99	2.43	0.12	1.55	0.69	0.21	0.15	14.80
1926	0.45	0.25	0.08	0.04	2.44	1.61	1.34	0.48	1.37	0.55	1.03	0.52	10.16
1927	0.26	0.11	0.11	1.16	5.04	3.31	1.67	2.40	2.45	1.06	0.30	1.05	18.92
1928	0.10	0.05	0.12	0.51	0.28	3.85	3.48	1.97	0.50	0.54	T	0.13	11.53
1929	0.58	0.06	0.70	0.64	3.67	5.99	0.26	0.20	1.29	0.50	0.30	0.80	14.99
1930	0.10	0.28	T	2.36	1.05	3.68	1.29	1.87	0.62	0.30	0.61	0.60	12.76
1931	T	0.62	0.61	0.05	0.72	3.25	1.83	0.23	1.00	0.46	0.11	0.26	9.14
1932	0.49	0.42	0.82	2.44	0.86	4.25	1.19	2.00	0.10	2.38	0.46	0.32	15.73
1933	0.81	0.16	0.74	1.08	2.92	3.48	1.67	0.97	0.67	0.70	0.77	0.73	14.70
1934	0.13	0.05	1.04	0.09	0.15	1.98	0.59	0.11	0.32	0.08	0.07	0.22	4.83
1935	0.59	0.06	0.89	1.60	2.45	2.17	3.51	1.42	0.03	0.16	0.62	0.68	14.18
1936	0.63	0.62	0.58	0.46	0.45	1.65	2.15	1.03	0.39	0.18	0.39	0.66	9.19
1937	0.35	0.17	0.83	0.42	0.18	3.18	2.44	0.36	0.77	1.25	0.19	0.38	10.52
1938	0.30	0.65	0.93	0.12	2.36	1.93	1.91	1.63	0.90	0.78	0.62	0.40	12.53
1939	0.59	0.41	0.34	0.65	2.02	3.41	0.74	1.13	0.79	0.07	T	0.44	10.59
1940	0.28	0.57	0.76	3.36	1.10	3.99	1.91	0.29	0.82	1.34	0.34	0.22	14.98
1941	0.12	0.17	0.50	1.22	1.71	2.31	0.87	1.77	3.08	1.33	0.36	0.25	13.69
1942	0.11	0.64	0.64	2.20	4.62	5.39	1.38	2.16	1.15	M	0.32	0.31	18.92 Incomplete
1943	1.24	0.11	0.66	1.41	1.07	3.66	2.30	3.17	0.05	0.82	0.20	0.12	14.81
1944	0.54	0.19	1.01	0.80	2.21	5.90	0.50	1.82	1.82	0.00	0.88	T	15.67
1945	0.33	0.03	0.66	1.87	1.38	3.63	0.51	2.17	1.05	0.21	0.72	0.33	12.89
1946	0.15	0.15	0.70	0.28	2.31	1.95	4.37	0.30	1.97	2.61	0.34	0.58	15.71
1947	0.29	0.16	0.64	1.49	0.65	5.92	2.34	5.98	0.08	0.22	0.34	0.08	18.19
1948	0.27	0.00	0.36	0.86	1.70	5.15	3.88	0.57	0.04	0.06	0.44	0.32	13.65
1949	0.61	0.42	0.52	T	1.11	1.28	1.26	0.60	0.16	2.14	0.02	0.16	8.28
1950	0.30	0.62	1.01	2.07	0.91	3.76	1.35	3.27	3.90	0.41	M	0.07	17.67 Incomplete
1951	0.37	0.42	0.12	0.39	1.04	1.20	1.24	2.65	0.86	0.63	0.38	0.60	9.90
1952	0.25	1.23	0.66	0.06	0.42	1.55	2.03	0.97	0.55	0.02	0.58	0.05	8.37
1953	0.17	0.36	0.66	2.28	4.71	3.33	1.28	1.40	0.28	1.85	0.12	0.23	16.67
1954	0.55	0.55	0.81	0.71	0.95	3.01	0.26	3.27	2.16	0.51	0.12	0.07	12.97
1955	0.31	0.54	0.13	1.03	1.84	2.80	2.58	0.03	0.09	0.55	0.31	0.42	10.63
1956	0.22	0.16	0.28	0.21	2.43	2.97	1.56	1.79	0.90	0.10	0.62	0.22	11.46
1957	0.61	0.36	0.90	2.01	2.23	3.96	1.99	1.03	1.59	0.77	0.44	0.02	15.91
1958	0.13	0.27	0.22	0.83	0.15	3.29	2.78	0.29	0.09	0.59	1.22	0.31	10.17
1959	0.61	0.60	0.17	0.48	1.04	2.27	0.73	0.58	1.45	0.52	0.61	0.16	9.22
1960	0.21	0.23	0.47	0.54	1.38	2.51	0.75	1.59	0.06	0.23	0.34	0.27	8.58
1961	0.09	0.85	0.40	2.32	0.83	3.48	1.12	0.42	2.67	0.05	0.19	0.06	12.48
1962	0.46	0.36	0.97	0.25	4.71	1.74	5.63	1.05	0.91	0.77	0.44	0.07	17.36
1963	0.52	0.43	0.62	3.17	1.56	4.62	1.47	0.71	1.10	0.03	0.01	0.27	14.51
1964	0.45	0.20	0.67	0.76	1.07	4.93	0.82	4.23	0.14	0.32	1.43	0.77	15.79
1965	0.69	0.28	0.39	1.59	2.23	5.17	3.60	2.23	1.21	T	0.34	0.40	18.13
1966	0.49	0.50	0.23	1.70	1.28	3.25	0.97	1.01	0.37	0.32	0.57	0.19	10.88
1967	0.64	0.48	0.55	2.16	1.77	4.27	1.36	0.02	1.53	0.81	0.13	0.56	14.28
1968	0.59	0.19	0.16	0.58	1.81	4.61	1.06	2.87	0.55	0.36	0.17	1.36	14.31
1969	0.71	0.22	0.43	1.52	2.02	3.12	4.69	0.15	0.21	0.62	0.08	0.91	14.68
1970	0.72	T	0.25	2.92	4.10	3.17	1.60	0.76	1.43	0.73	0.86	0.28	16.82
1971	1.23	0.21	0.61	1.09	1.81	4.72	1.07	0.21	3.93	4.58	0.51	0.61	20.58
1972	0.83	0.87	0.89	0.54	3.96	2.37	1.01	0.79	1.27	0.51	0.02	0.56	13.62
1973	0.19	0.49	0.46	2.84	1.22	3.81	0.36	0.16	4.05	0.26	0.34	0.68	14.86
1974	0.07	0.13	0.66	0.61	3.83	0.98	2.10	1.63	0.19	0.63	0.55	0.27	11.65
1975	0.06	0.21	1.33	1.41	2.69	4.75	1.65	0.49	0.42	1.17	0.79	0.72	15.69
1976	0.47	0.12	0.69	1.51	1.44	4.59	2.19	1.49	0.53	0.36	0.28	0.17	13.84
1977	0.87	0.17	0.13	0.18	1.94	0.99	0.41	1.99	3.37	0.86	0.75	1.06	12.72
1978	0.17	1.02	0.36	0.38	5.20	3.26	2.50	0.45	1.91	0.03	0.94	0.43	16.65
1979	0.23	0.73	0.41	0.99	M	M	1.93	0.28	0.06	0.14	0.11	0.12	5.00 Incomplete
1980	0.59	0.21	0.07	0.16	0.20	M	0.76	5.54	0.70	2.06	0.42	0.46	11.17 Incomplete
1981	0.02	0.07	0.34	0.58	0.97	2.18	1.79	1.61	0.42	1.09	0.26	0.38	9.71
1982	0.79	0.12	1.67	M	3.42	3.23	1.50	0.72	1.99	2.29	0.09	0.97	16.79 Incomplete
1983	0.05	0.01	0.76	0.04	1.36	1.41	1.36	0.99	0.74	0.20	0.25	0.41	7.58
1984	0.20	0.06	0.31	0.48	0.29	3.35	0.15	1.06	0.86	0.36	0.07	0.48	7.67
1985	0.15	0.02	1.05	1.37	1.85	0.78	1.75	1.97	1.35	1.61	0.61	0.29	12.80
1986	0.51	0.53	0.09	1.09	2.54	2.05	2.18	0.49	5.67	0.73	0.94	0.05	16.87
1987	0.25	0.27	1.17	0.30	2.92	1.60	1.60	2.71	1.11	0.14	0.03	0.02	12.12
1988	0.88	0.36	0.26	0.03	0.49	0.73	0.56	0.77	1.81	0.20	0.33	M	6.42 Incomplete
1989	0.72	0.21	0.90	3.30	2.97	1.42	1.63	4.52	0.04	0.80	0.78	0.51	17.80
1990	0.30	0.14	0.39	0.84	1.43	3.53	0.72	1.26	0.13	0.56	0.30	0.28	9.88
1991	0.17	0.18	0.14	2.49	3.25	4.84	1.36	1.22	5.45	0.42	0.16	0.02	19.70
1992	0.18	0.05	0.53	3.63	1.14	0.82	1.70	2.00	0.66	0.68	0.83	0.35	12.57
1993	0.24	0.36	0.47	1.26	0.50	3.85	6.33	1.84	0.30	1.26	0.43	0.12	16.96
1994	0.74	0.58	0.29	1.13	2.02	4.67	0.98	0.31	0.20	1.79	0.10	0.35	13.16
1995	0.53	0.20	0.85	1.02	3.00	2.41	1.56	1.82	0.37	1.82	0.35	0.30	14.23
1996	M	0.29	0.71	1.11	2.81	1.84	1.43	0.83	2.22	0.57	1.19	0.31	13.31 Incomplete
1997	0.29	0.04	0.50	2.04	1.27	1.15	4.71	0.59	0.18	0.79	M	0.05	11.61 Incomplete
1998	0.20	1.01	0.80	1.14	1.57	2.11	1.40	1.49	0.36	3.35	0.98	M	14.41 Incomplete
1999	M	0.46	0.02	0.97	4.16	2.37	2.29	3.75	1.63	0.28	0.02	0.36	16.31 Incomplete
2000	0.24	0.68	0.31	1.54	1.01	1.92	5.00	0.10	0.99	0.59	2.23	M	14.61 Incomplete
2001	M	M	0.13	2.70	0.56	5.56	4.38	0.22	2.03	0.44	0.05	0.17	16.24 Incomplete
2002	0.03	0.16	0.75	1.57	1.66	1.34	1.78	0.58	0.85	0.75	0.13	0.46	10.06
2003	0.44	0.20	2.02	0.58	2.11	2.29	1.27	0.89	0.43	0.81	0.38	0.64	12.06
2004	0.83	0.05	0.09	0.33	2.12	2.05	2.86	0.67	1.60	2.19	0.22	0.38	13.39
2005	0.31	0.02	0.39	0.43	3.73	3.46	1.11	1.57	0.14	2.50	0.80	0.57	15.03
2006	0.22	0.10	0.71	M	2.23	1.25	0.34	0.93	2.02	1.13	0.03	0.31	9.27 Incomplete
2007	0.06	0.63	1.20	0.96	4.09	0.60	1.69	1.36	0.67	1.03	0.02	0.07	12.38
2008	0.08	0.40	0.20	0.28	M	1.82	0.66	1.28	1.13	1.34	0.55	0.54	8.28 Incomplete
2009	M	0.20	0.48	1.96	0.74	2.75	1.08	3.46	0.21	1.66	T	0.93	13.47 Incomplete
2010	0.63	0.28	0.32	0.82	M	4.57	1.17	0.91	2.48	0.48	0.79	0.45	12.90 Incomplete
2011	M	M	0.98	2.89	M	2.95	2.26	0.88	0.32	0.84	0.21	0.27	11.60 Incomplete
2012	0.16	0.64	0.01	1.57	2.31	1.20	4.43	M	0.04	M	M	M	10.36 Incomplete
2013	M	0.13	0.99	1.30	5.48	2.83	2.68	0.75	0.57	0.98	M	0.70	16.41 Incomplete
2014	0.26	0.32	0.99	0.75	3.52	3.07	0.75	7.65	0.28	0.92	M	M	18.51 Incomplete
2015	0.53	0.31	0.59	0.87	2.35	3.31	1.50	M	0.76	0.46	0.33	0.30	11.31 Incomplete
2016	0.20	0.53	0.15	2.81	2.22	1.22	4.18	0.65	3.77	0.79	0.22	0.87	17.61
2017	0.39	0.50	0.73	0.96	0.75	1.66	1.00	0.37	2.26	0.24	0.25	0.43	9.54
2018	0.30	0.74	0.71	1.89	4.45	3.03	1.51	1.72	0.97	0.67	0.97	0.77	17.73
2019	0.49	1.03	0.06	1.69	2.55	0.81	3.37	4.08	8.46	0.76	0.45	0.34	24.09
2020	0.18	0.40	0.52	0.51	1.94	1.42	2.09	0.45	1.30	1.02	0.26	0.02	10.11
2021	0.12	0.08	0.14	0.18	2.29	0.86	1.12	1.46	0.29	3.76	0.30	0.59	11.19
2022	0.17	0.27	0.38	2.68	3.28	2.40	2.80	0.54	0.16	1.43	0.60	0.70	15.41
2023	0.05	0.24	0.94	0.31	5.37	4.45	0.48	2.64	1.80	2.17	0.01	0.01	18.47
1900-2023	**0.40**	**0.37**	**0.62**	**1.17**	**2.11**	**2.94**	**1.85**	**1.49**	**1.29**	**0.91**	**0.44**	**0.45**	**14.05** 124 Yr Avg

Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yrs Avg
1999-2023	0.28	0.36	0.55	1.27	2.68	2.37	2.07	1.60	1.41	1.14	0.42	0.45	14.61 Last 25 yrs
2014-2023	0.27	0.44	0.52	1.27	2.87	2.22	1.88	2.17	2.01	1.22	0.38	0.45	15.70 Last 10 yrs
2019-2023	***0.20***	***0.40***	***0.41***	***1.07***	***3.09***	***1.99***	***1.97***	***1.83***	***2.40***	***1.83***	***0.32***	***0.33***	***15.85*** *Last 5 Yrs*

Precipitation is at least 50% higher than the 124 year avg in the corresponding column
Precipitation is at least 50% lower than the 124 year avg in the corresponding column
*source of the unaltered NOAA data https://www.weather.gov/wrh/Climate?wfo=byz

2017 Montana Climate Assessment Report (1950-2015)

DATA FROM Glasgow #2 (1900 - 1947)

DATA FROM Glasgow Airport (1948 - 2023)

Back when it was called weather

Ice Age Narrative

Global Warming Narrative

Climate Change Narrative

Crisis Narrative

950-1300 Medieval Warm Period
1300-1850 Little Ice Age
1850 Current Warming Period begins
1889 Montana becomes a State

1900's: 14.73

Avg Precip for each Decade in Glendive

June 6, 1912 Mt Novarupta, Alaska

1910's: 15.78

1920's: 14.08

1927 Wettest year recorded in MT (21.73 in)

1931 Driest year recorded in MT (9.97 in)

1930's: 11.42

1940's: 14.21

The 2017 Montana Climate Report generally ignores data from the first half of the century (1900-1949) and starts its assessment in 1950

1950 Coldest year recorded in Glendive
1950's: 11.70

1961-62 Peak of Nuclear Weapons Testing

1960's: 14.10

1970's: 15.16

May 18, 1980 - Mt Saint Helens, WA
1981 Hottest year recorded in Glendive

1980's: 12.08

June - Nov 1988 Yellowstone Fires

June 15, 1991 Mt Pinatubo, Philippines
1992 Earth Summit Agenda 21 (Rio, Brazil)

1990's: 14.42

2000's: 12.58

2017 Montana Climate Report ends its assessment.

2010's: 17.24

2015 Paris Climate Conference (COP21)

The 2017 Montana Climate Report makes the claim "increased variability in precipitation suggests potential for more severe droughts"

2023 Held vs. MT Court Decision

Glendive is trending (+1.80 in) above its 124 year average.