

INDEX SEMINUM 2018



DENVER BOTANIC
GARDENS

ON THE COVER

Monarch butterfly (*Danaus plexippus*) on butterfly bush (*Buddleja* sp.) photo: Scott Dressel-Martin

Denver Botanic Gardens is very concerned about the health of pollinators and their ecosystems. We actively work to conserve pollinator species by keeping our use of insecticides and other harmful chemicals to a minimum, participating in the Colorado Pollinator Network and promoting pollinator-friendly gardening on small and large scales. For five years we have been conducting pollinator observations in our gardens, documenting which pollinators are active on which plants. We are particularly interested in our native pollinators. This work has focused on the plants in the Birds and Bees Walk, a pollinator education garden, as well as plants in our Plant Select® program which promotes and introduces plants that thrive in our region. We use the data that we gather to educate ourselves, our visitors and to inform future plantings.

ABOUT DENVER BOTANIC GARDENS

Denver Botanic Gardens is situated at latitude 39°43'55.4"N, longitude 104°57'36.5"W, at an elevation of 5,277 feet (1,609 meters) above sea level. The Gardens includes 24 acres of display and collections including a tropical conservatory, rock alpine garden, Japanese garden, native plant gardens and water gardens.

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INTERNATIONAL PLANT EXCHANGE NETWORK (IPEN)

Denver Botanic Gardens is a member of IPEN with code KHD.

The IPEN number consists of four elements:

1. Country of origin (abbreviation according to IO 3166-1-alpha-2 <http://www.iso.org>, "XX" for unknown origin)
2. Restrictions of transfer ("1" if there exists a restriction, "0" if no restrictions).
3. Garden codes can be found on Botanic Gardens Conservation International website, <http://www.bgci.org/policy/ipen/>
4. Identification number (accession number from originating IPEN member garden)

For example:

US-0-KHD-060654

US: Plant material originates from the United States

0: There are no restrictions of transfer

KHD: Denver Botanic Gardens' IPEN code

060654: Our accession number

GARDENS NAVIGATOR

We invite you to learn more about the selections provided through this year's Index Seminum through our [Gardens Navigator](#) website. Species names are linked to images, phenology and descriptive data throughout this catalog.

SEED OF CULTIVATED PLANTS

All plant names are linked to descriptions and, in many cases, to images on Gardens Navigator website at gardensnavigator.org.

ORDER #	FAMILY/NAME	IPEN #	COLLECTION OR SOURCE DATA
ACANTHACEAE			
001	<i>Acanthus syriacus</i> Boiss. ssp. <i>syriacus</i> (Boiss.) Brummitt	XX-0-KHD-920213	
AMARYLLIDACEAE			
002	<i>Allium geyeri</i> S. Watson	US-0-KHD-131264	US: Colorado.
APIACEAE			
003	<i>Lomatium laevigatum</i> (Nutt.) Coult. & Rose	XX-0-KHD-940757	
ASPARAGACEAE			
004	<i>Hesperaloe parviflora</i> (Torr.) J.M. Coult.	XX-0-KHD-022799	
005	<i>Hosta yingeri</i> S.B. Jones	XX-0-KHD-130924	
006	<i>Nolina lindheimeriana</i> (Schelle) Wats.	XX-0-KHD-001994	
007	<i>Nolina microcarpa</i> S. Watson	XX-0-KHD-022801	
ASTERACEAE			
008	<i>Artemisia cana</i> Pursh	US-0-KHD-150001	US: Colorado: Routt County: Wildflower Ranch. 40°47'N, 106°59'W. Kintgen, M. s.n. 1 July 2014.
009	<i>Berlandiera lyrata</i> Benth.	XX-0-KHD-010140	
010	<i>Catananche caespitosa</i> Desf.	XX-0-KHD-982214	
011	<i>Coreopsis tinctoria</i> Nutt.	US-0-KHD-980209	US: Colorado: Adams Co.: Rocky Mountain Arsenal. Johnson, D. s.n. 16 Sept. 1997.
012	<i>Erigeron elatior</i> (A. Gray) Greene	XX-0-KHD-040309	
013	<i>Erigeron linearis</i> (Hook.) Piper		
014	<i>Heterotheca villosa</i> (Pursh) Shinnery var. <i>villosa</i> (Pursh) Shinnery	XX-0-KHD-860923	
015	<i>Machaeranthera pattersonii</i> (Gray) Greene	XX-0-KHD-171495	
016	<i>Ratibida columnifera</i> (Nutt.) Wootton & Standl.	XX-0-KHD-002266	Seed collected from red-flowering plants
017	<i>Senecio macrospermus</i> DC.	XX-0-KHD-181759	
018	<i>Silphium terebinthinaceum</i> Jacq.	XX-0-KHD-910236	
019	<i>Tanacetum albipannosum</i> Huber-Morath & Grierson	TR-0-KHD-982210	
020	<i>Tetaneuris acaulis</i> (Pursh) Greene var. <i>acaulis</i>	XX-0-KHD-030267	
021	<i>Tetaneuris scaposa</i> (DC.) Greene	XX-0-KHD-160959	
022	<i>Thelesperma megapotamicum</i> (Sprengel) Kuntze	XX-0-KHD-970331	
023	<i>Townsendia parryi</i> D.C. Eaton	XX-0-KHD-130042	
024	<i>Vernonia baldwinii</i> Torr.	US-0-KHD-080293	US: Colorado: Adams County: Rocky Mountain Arsenal. Mead, D. s.n. 1 July 2007.

SEED OF CULTIVATED PLANTS

ORDER #	FAMILY/NAME	IPEN #	COLLECTION OR SOURCE DATA
BERBERIDACEAE			
025	<i>Berberis fremontii</i> Torr.	US-0-KHD-842391	US: Colorado: Delta County: Delta. Weinstein, G. s.n.
BORAGINACEAE			
026	<i>Anchusa capensis</i> Thunb.	XX-0-KHD-022032	
BRASSICACEAE			
027	<i>Draba alpina</i> L. var. <i>glacialis</i> (Adams) Dickie	XX-0-KHD-071172	
028	<i>Physaria arizonica</i> (S. Watson) O'Kane & Al-Shehbaz	XX-0-KHD-162827	
CACTACEAE			
029	<i>Echinocereus triglochidiatus</i> Engelm.	XX-0-KHD-041820	
CAMPANULACEAE			
030	<i>Campanula ardonensis</i> Rupr.	XX-0-KHD-162737	
031	<i>Campanula rumeliana</i> (Hampe) Vatke	GR-0-KHD-920570	GR: Mt. Olympus. Jurasek, J. s.n. 1 July 1991.
032	<i>Campanula versicolor</i> Andrews	XX-0-KHD-132841	
033	<i>Campanula zangezura</i> (Lipsky) Kolak. & Serdyuk.	XX-0-KHD-930479	Originally from Botanischer Garten der Christian-Albrechts-Universität zu Kiel Index Seminum 1992-93 as <i>Symphyandra zangezura</i>
034	<i>Michauxia campanuloides</i> L'Her. ex Ait.	TR-0-KHD-861944	TR: 800 m. Archibald, J. s.n., previously distributed as <i>M. tchihatchewii</i>
035	<i>Ostrowskia magnifica</i> Reg.	XX-0-KHD-173346	
036	<i>Phyteuma sieberi</i> Spreng.	XX-0-KHD-021956	
CARYOPHYLLACEAE			
037	<i>Silene falcata</i> Sm.	TR-0-MB-1986/1177	TR: N-Anatolien: Bithynia: Ulu-Dagh, oberhalb des Ortes, Kalk, 2,200 m. leg. Dr. Volker Melzheimer 16 Sept. 1986
038	<i>Silene regia</i> Sims	XX-0-KHD-130447	
CLEOMACEAE			
039	<i>Polanisia dodecandra</i> (L.) DC.	US-0-KHD-040716	US: Colorado: Arapahoe County: Littleton: Along creek in Littleton. Bohlander, D. s.n. 15 Sept. 2002.
COMMELINACEAE			
040	<i>Tradescantia occidentalis</i> (Britton) Smyth	XX-0-KHD-002513	
CRASSULACEAE			
041	<i>Rosularia serrata</i> (L.) A. Berger	XX-0-KHD-171572	
042	<i>Sedum nevii</i> A. Gray	XX-0-KHD-812213	
CUCURBITACEAE			
043	<i>Cucurbita foetidissima</i> Kunth	US-0-KHD-002458	US: Colorado: Huerfano County: Walsenburg area

SEED OF CULTIVATED PLANTS

ORDER #	FAMILY/NAME	IPEN #	COLLECTION OR SOURCE DATA
ERICACEAE			
044	<i>Arbutus xalapensis</i> Kunth	XX-0-KHD-023804	
FABACEAE			
045	<i>Amorpha canescens</i> Pursh	US-0-KHD-870540	US: Oklahoma: Cimarron County: Black Mesa State Park: Borland, J. s.n.
046	<i>Baptisia australis</i> (L.) R. Br.	XX-0-KHD-101068	
047	<i>Caesalpinia gilliesii</i> (Wallich ex Hook.) D. Dietr.	XX-0-KHD-041205	
048	<i>Hedysarum boreale</i> Nutt.	XX-0-KHD-172819	
049	<i>Oxytropis besseyi</i> (Rydb.) Blank. var. <i>argophylla</i> (Rydb.) Barneby	XX-0-KHD-162829	
050	<i>Oxytropis besseyi</i> (Rydb.) Blank. var. <i>obnapiformis</i> (C.L. Porter) S.L. Welsh	US-0-KHD-120295	US: Colorado: Moffat County: Near Little Snake River bridge, Moffat County road 75. Kintgen, M. BK3. 16 July 2011.
GENTIANACEAE			
051	<i>Gentiana clausa</i> Raf.	XX-0-KHD-181829	
IRIDACEAE			
052	<i>Iris kerneriana</i> Asch. & Sint.	XX-0-KHD-850569	
LAMIACEAE			
053	<i>Dracocephalum bipinnatum</i> Rupr.	KG-0-KHD-180959	KG: Tian Shan. Subnival scree. 3,100 m. Stanek, V. s.n.
054	<i>Monarda fistulosa</i> L. var. <i>mentifolia</i> (R. Graham) Fernald	XX-0-KHD-002123	
055	<i>Phlomis grandiflora</i> H.S. Thomps.	XX-0-KHD-161333	
056	<i>Salvia chrysophylla</i> Stapf	XX-0-KHD-163644	
057	<i>Salvia dorrii</i> (Kellogg) Abrams	XX-0-KHD-991021	
058	<i>Salvia greggii</i> A. Gray. 'Furman's Red'	XX-0-KHD-981233	Plant Select® introduction
059	<i>Salvia phlomoides</i> Asso	XX-0-KHD-162750	
060	<i>Satureja spicigera</i> (K. Koch) Boiss.	XX-0-KHD-090900	
061	<i>Scutellaria hypericifolia</i> H. Lév.	XX-0-KHD-131321	
062	<i>Sideritis pisdica</i> Boiss. & Heldr.	XX-0-KHD-161338	
063	<i>Stachys inflata</i> Benth.	XX-0-KHD-950049	
LINACEAE			
064	<i>Linum lewisii</i> Pursh	XX-0-KHD-002527	
MALVACEAE			
065	<i>Sphaeralcea ambigua</i> A. Gray	XX-0-KHD-071870	
066	<i>Sphaeralcea coccinea</i> (Nutt.) Rydb.	XX-0-KHD-163035	
067	<i>Sphaeralcea incana</i> Torr. ex A. Gray	XX-0-KHD-041816	

SEED OF CULTIVATED PLANTS

ORDER #	FAMILY/NAME	IPEN #	COLLECTION OR SOURCE DATA
MELANTHIACEAE			
068	<i>Zigadenus venenosus</i> S. Watson	US-0-KHD-081695	US: Colorado: Adams County: NW 1/4 of NE 1/4 of section 17, T-2-S, R-66-W, 4 miles E of Chambers on the S of 104th. Plains grasslands. 1,582 m. Daugherty, R. s.n. 5 July 2008.
NYCTAGINACEAE			
069	<i>Mirabilis multiflora</i> (Torr.) A. Gray var. <i>glandulosa</i> (Standl.) J.F. Macbr.	XX-0-KHD-002508	
PAPAVERACEAE			
070	<i>Argemone polyanthemos</i> (Fedde) Ownb.	US-0-KHD-980595	US: Colorado: Jefferson County: White Ranch Open Space. Brune, R. s.n. 15 Aug. 1995.
071	<i>Papaver aculeatum</i> Thunb.	XX-0-KHD-171156	
PLANTAGINACEAE			
072	<i>Penstemon barbatus</i> (Cav.) Roth	XX-0-KHD-002582	
073	<i>Penstemon brandegeei</i> (T.C. Porter) T.C. Porter ex Rydberg	XX-0-KHD-152690	
074	<i>Penstemon glaber</i> Pursh	XX-0-KHD-132629	
075	<i>Penstemon laricifolius</i> Hook. & Arn. ssp. <i>laricifolius</i>	XX-0-KHD-050982	
076	<i>Penstemon nitidus</i> Douglas ex Benth.	XX-0-KHD-071192	
077	<i>Penstemon osterhoutii</i> Pennell	US-0-KHD-132441	US: Colorado: Eagle County: Colorado River east of State Bridge. McFarlane, B. s.n. Sept. 2012.
078	<i>Penstemon pseudospectabilis</i> M.E. Jones	XX-0-KHD-070054	
079	<i>Penstemon uintahensis</i> Pennell	XX-0-KHD-162747	
PLUMBAGINACEAE			
080	<i>Acantholimon acerosum</i> (Willd.) Boiss.	XX-0-KHD-840542	
081	<i>Acantholimon armenum</i> Boiss. & Huet	TR-0-KHD-910850	TR: Tortum. 1,600 m. Plestil s.n.
082	<i>Acantholimon caesareum</i> Boiss. & Bal.	TR-0-KHD-061000	TR: Ercies Dag. 9.
083	<i>Acantholimon hohenackeri</i> (Jaub. & Spach) Boiss.	XX-0-KHD-941402	
084	<i>Acantholimon kotschyi</i> (Jaub. & Spach) Boiss. ssp. <i>laxispicatum</i> Bokheri	TR-0-KHD-070503	TR: Kop Pass. 1,800 m. Silver-grey pulvinate cushions, rose-pink flowers on scapes 10-20 cm. Pavelka, M. 11.
085	<i>Acantholimon litvinovii</i> Lincz.	XX-0-KHD-900213	
086	<i>Acantholimon venustum</i> Boiss.	TR-0-KHD-060545	TR: Emil Deresi: Stony areas. <i>Abies cilicica</i> . 2,000 m. Zvolanek, Z. s.n. 15 Sept. 1995.

SEED OF CULTIVATED PLANTS

ORDER #	FAMILY/NAME	IPEN #	COLLECTION OR SOURCE DATA
POACEAE			
087	<i>Achnatherum splendens</i> (Trinius) Nevski	XX-0-KHD-163094	
088	<i>Aristida purpurea</i> Nutt.	US-0-KHD-861668	US: Colorado: Pueblo County.
089	<i>Festuca brachyphylla</i> J.A. Schultes ex J.A. & J.H. Schultes	XX-0-KHD-111341	
090	<i>Festuca punctoria</i> Sm.	XX-0-KHD-030518	
091	<i>Koeleria macrantha</i> (Ledeb.) Schult.	US-0-KHD-163828	US: Colorado: Gunnison County: Cement Creek trailhead. <i>Artemisia</i> , grasses. 9,600 ft. 38°49'46"N, 106°51'38"W. Full sun. Bone, M. WB-16. 21 Aug. 2016.
092	<i>Pleuraphis jamesii</i> Torr.	XX-0-KHD-861671	
093	<i>Stipa ichu</i> (Ruiz & Pav.) Kunth	XX-0-KHD-052298	University of California Berkeley Botanical Garden
POLYGONACEAE			
094	<i>Eriogonum corymbosum</i> Benth. var. <i>velutinum</i> Reveal	XX-0-KHD-141117	
095	<i>Eriogonum jamesii</i> Benth. var. <i>jamesii</i>	XX-0-KHD-941105	
096	<i>Eriogonum ovalifolium</i> Nutt. var. <i>nivale</i> (Canby ex Colville) M.E. Jones	XX-0-KHD-162823	
097	<i>Eriogonum umbellatum</i> Torr. var. <i>aureum</i> (Gandog.) Reveal 'Psdowns'	XX-0-KHD-082372	Plant Select® introduction KANNAH CREEK®
098	<i>Eriogonum umbellatum</i> Torr. var. <i>majus</i> Hook.	US-0-KHD-060013	US: Colorado: Routt County: Wildflower Ranch: Mill Creek, 2 miles W of Steamboat Lake. Dry S facing hillside. With <i>Artemisia tridentata</i> . ca 8,000 ft. 40°47'N, 106°59'W. Kintgen, M. s.n. 30 July 2005.
099	<i>Eriogonum umbellatum</i> Torr. var. <i>porteri</i> (Small) S. Stokes	XX-0-KHD-050536	US: Utah: Beaver County: 10,400 ft. Absolutely the cutest buns of tiny, spatulate, green leaves, tinged red. Numerous poms of red and yellow turn orange-brown as they fade. Buckshaw, A. s.n. 1 July 1989.
100	<i>Rumex flexuosus</i> Sol. ex Hook. f.	XX-0-KHD-021122	
PRIMULACEAE			
101	<i>Primula pauciflora</i> (Durand) A.R. Mast & Reveal	XX-0-KHD-131265	
102	<i>Primula rusbyi</i> Greene	XX-0-KHD-140962	

SEED OF CULTIVATED PLANTS

ORDER #	FAMILY/NAME	IPEN #	COLLECTION OR SOURCE DATA
RANUNCULACEAE			
103	<i>Aquilegia atrovinosa</i> Popov ex Gamajuova	XX-0-KHD-110450	
104	<i>Aquilegia barnebyi</i> Munz	US-0-KHD-060654	US: Colorado: Rio Blanco County: Oil shale screes and in gullies. 7,400 ft. Butter yellow corollas contrast beautifully with the peachy-pink sepals. Bradshaw, A. s.n.
105	<i>Aquilegia chrysantha</i> A. Gray	XX-0-KHD-002505	
106	<i>Aquilegia desertorum</i> (M.E. Jones) Cockerell ex Heller	XX-0-KHD-184321	
107	<i>Clematis fremontii</i> S. Wats.	XX-0-KHD-981061	
108	<i>Clematis fremontii</i> S. Wats. × <i>hirsutissima</i> Pursh var. <i>scottii</i> (Porter) R.O. Ericksen	XX-0-KHD-091440	
109	<i>Clematis hirsutissima</i> Pursh	XX-0-KHD-002570	
110	<i>Clematis hirsutissima</i> Pursh var. <i>scottii</i> (Porter) R.O. Ericksen	XX-0-KHD-002572	
111	<i>Clematis terniflora</i> D.C. var. <i>mandshurica</i> (Rupr.) Ohwi	XX-0-KHD-021478	
112	<i>Thalictrum fendleri</i> Engelm. ex A. Gray	XX-0-KHD-822820	
RHAMNACEAE			
113	<i>Rhamnus smithii</i> Greene	XX-0-KHD-800712	
ROSACEAE			
114	<i>Cercocarpus breviflorus</i> A. Gray	XX-0-KHD-184302	
115	<i>Cercocarpus intricatus</i> S. Watson	XX-0-KHD-861691	
116	<i>Dasiphora fruticosa</i> (L.) Rydb. ssp. <i>floribunda</i> (Pursh) Kartesz	XX-0-KHD-002473	
117	<i>Fallugia paradoxa</i> (D. Don) Endl. ex Torr.	XX-0-KHD-941138	
118	<i>Peraphyllum ramosissimum</i> Nutt.	US-0-KHD-842399	US: Colorado: Meeker: Upper Colorado Environmental Plant Center. Borland/Hildreth/Weinstein s.n.
119	<i>Petrophytum caespitosum</i> (Nutt.) Rydb.	XX-0-KHD-024045	
120	<i>Prunus pumila</i> L. var. <i>besseyi</i> (Bailey) Gleason 'P011S'	US-0-KHD-832877	US: Colorado: Weld County: Pawnee National Grassland. Kelaidis, P. & Borland, J. s. n. Plant Select® introduction PAWNEE BUTTES®
SAXIFRAGACEAE			
121	<i>Heuchera hallii</i> A. Gray	XX-0-KHD-003024	
122	<i>Telesonix jamesii</i> (Torr.) Raf.	XX-0-KHD-131248	
VIOLACEAE			
123	<i>Viola adunca</i> J.E. Smith	XX-0-KHD-023593	
XANTHORRHOACEAE			
124	<i>Asphodeline liburnica</i> (Scop.) Rchb.	GR-0-KHD-821681	GR: Crete: Muri. Taylor, A. s.n.

WILD COLLECTED SEEDS

ORDER #	FAMILY/NAME	IPEN #	WILD DATA	
CAPRIFOLIACEAE				
125	<i>Valeriana capitata</i> Pallas ex Link	US-0-KHD-184326	All collections: US: Colorado: Routt County: 1 mile west of Steamboat Lake in the Mill Creek Valley, privately owned 35-acre parcel of intact ecosystem adjoining Routt National Forest.; seed collected along Mill Creek. ca 8,250 ft. 40°47'N, 106°59'W. Kintgen, M. s.n. 1 July 2018.	
CYPERACEAE				
126	<i>Carex kelloggii</i> Boott.	US-0-KHD-184325		
JUNCACEAE				
127	<i>Juncus torreyi</i> Coville	US-0-KHD-184323		
POLYGONACEAE				
128	<i>Bistorta bistortoides</i> (Pursh) Small	US-0-KHD-184324		
ROSACEAE				
129	<i>Geum triflorum</i> Pursh	US-0-KHD-184327		



European honey bee (*Apis mellifera*) on barberry (*Berberis* sp.) photo: Scott Dressel-Martin

GENERAL INFORMATION

Please note:

- Seeds of some species are in short supply and will be distributed in order of request.
- Seeds are the result of open pollination and may be hybridized.
- We give no warranty as to the quality, productiveness or any other matter for seeds we supply.
- Species are chosen for their performance in Denver, Colorado's climate; we cannot speak to qualities such as invasiveness in other climates, but we request any data pertaining to invasiveness of these species in other regions to be communicated to Denver Botanic Gardens for future reference. We will not knowingly distribute seed to places where a taxon has been identified as invasive.
- We are unable to supply phytosanitary certificates at this time.

Seeds from cultivated plants collected by Katy Wieczorek, Brooke Palmer, Mike Bone and Mike Kintgen. Seed requests fulfilled and data tracked by Denver Botanic Gardens volunteers Barry Levene and Gary Waggoner. Catalog coordinated by Cindy Newlander.

SOURCES FOR NOMENCLATURE

Plant names and family arrangement are based on data found in The Plant List (theplantlist.org), Plants of the World Online (plantsoftheworldonline.org), The Flora of North America, and Germplasm Resources Information Network (GRIN) (ars-grin.gov/).

CLIMATIC CONDITIONS IN DENVER (1971-2000)

AVERAGE PRECIPITATION

	JAN	FEB	MAR	APRIL	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	ANNUAL
inches	0.47	0.47	1.26	1.73	2.28	1.69	2.05	2.05	1.06	1.06	0.83	0.59	15.54

2018 PRECIPITATION

	JAN	FEB	MAR	APRIL	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	2018 ACTUAL
inches	0.42	0.41	1.99	1.29	2.66	1.11	2.35	0.97	1.73	1.15	0.36	0.10	14.54

AVERAGE HIGH TEMPS

	JAN	FEB	MAR	APRIL	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	ANNUAL
° F	44.0	46.0	54.0	61.0	71.0	81.0	88.0	86.0	77.0	65.0	52.0	43.0	64.0

2018 MONTHLY HIGH TEMPS

	JAN	FEB	MAR	APRIL	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC
° F	69.1	69.1	75.9	82.9	95.0	104.0	100.0	96.1	95.0	86.0	64.9	62.1

AVERAGE LOW TEMPS

	JAN	FEB	MAR	APRIL	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	ANNUAL
° F	17.0	20.0	26.0	34.0	44.0	53.0	59.0	57.0	47.0	36.0	25.0	17.0	36.3

2017 MONTHLY LOW TEMPS

	JAN	FEB	MAR	APRIL	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC
° F	1.0	-2.9	16.0	21.9	37.9	50.0	52.0	48.9	37.9	19.0	17.1	9.0

source: 2018 data source: U.S. climate data (Stapleton weather station) and Denver Botanic Gardens rain gauge

Historical data (1981-2018): U.S. climate data (<http://www.usclimatedata.com/climate/denver/colorado/united-states/usco0105>)

Lowest temperature recorded (1921-2018) -25° F/-3.9° C

Highest temperature recorded (1921-2018) 105° F/40.6° C