

State of Utah

**Community Wildfire
Preparedness Plan**
For the Wildland – Urban Interface

Park City
Utah



2021



Department of Natural Resources
Division of Forestry, Fire and State Lands
1594 W North Temple, PO Box 145703, Salt Lake City, UT 84114-5703

Page Intentionally Left Blank









Table of Contents

DECLARATION AND CONCURRENCE	5
INTRODUCTION	8
RESOURCES	9
STATEMENT OF LIABILITY	9
PLANNING OVERVIEW	10
PLAN OVERVIEW MAP – SUMMIT COUNTY	12
PLAN OVERVIEW MAP – PARK CITY	13
PART I: COMMUNITY DESCRIPTION – PARK CITY	14
LEGAL STRUCTURE	14
COMMUNITY PARTNERSHIPS & COLLABORATION	15
POPULATION SUMMARY	16
POPULATION – PARK CITY	16
ACCESS	17
ROADS	18
DRIVEWAYS	18
STRUCTURES	18
BRIDGES GATES, CULVERTS	19
UTILITIES	19
PROPANE TANKS	20
PRIMARY WATER SOURCES	20
PART II: RISK ASSESSMENT	21
NATURAL RESOURCES	22
COMMUNITIES AT RISK (CARs) LIST	23
FUEL HAZARD	24
VALUES PROTECTED	25
INSURANCE RATING	25
UTAH WILDFIRE RISK ASSESSMENT PORTAL (UWRAP)	26

TOTAL ACRES AREAS OF INTEREST (AOI) - SUMMIT COUNTY	26
PARK CITY AREAS OF INTEREST (AOI)	26
PART III: RISK REDUCTION GOALS/ ACTIONS - PARK CITY	28
GOAL A: PREVENTION	28
GOAL B: PREPAREDNESS	29
GOAL C: MITIGATION	32
GOAL D: MAINTENANCE	33
PART IV: CONTACTS	33
PART V: APPENDICES	39
APPENDIX A: SUMMIT COUNTY PRE-DISASTER MITIGATION PLAN EXCERPT	39
APPENDIX B: URWAP REPORT - SUMMIT COUNTY - ALL	39
APPENDIX C: UWRAP REPORTS	39
APPENDIX D: AGENCY CWPP	39
APPENDIX E: COMMUNITY CWPP	39
APPENDIX G: PARK CITY HOA CONTACTS	39
APPENDIX F: UFFSL COMMUNITIES AT RISK LIST (CARS) - 2016	39



Declaration and Concurrence

<hr/> ANDY BEERMAN NAME	<hr/> Park City Mayor AFFILIATION
 <hr/> SIGNATURE	<hr/> 5/27/21 DATE
 <hr/> MATT DIAS NAME	<hr/> Park City Manager AFFILIATION
 <hr/> SIGNATURE	<hr/> 5/27/21 DATE
 <hr/> DAVID THACKER NAME	<hr/> Park City Forestry Manager AFFILIATION
 <hr/> SIGNATURE	<hr/> 05.27.2021 DATE
<hr/> DAVE THACKER NAME	<hr/> Park City Chief Fire Code Official AFFILIATION
 <hr/> SIGNATURE	<hr/> 05.27.2021 DATE



Declaration and Concurrence Page, continued

J. M. McCOMB
NAME

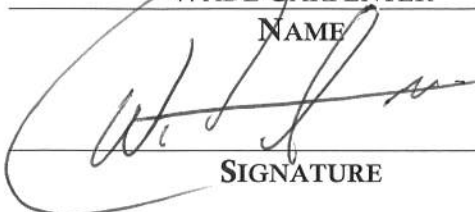
Park City Emergency Manager
AFFILIATION


SIGNATURE

5/27/2021
DATE

WADE CARPENTER
NAME

Park City Police Chief
AFFILIATION


SIGNATURE

05/24/2021
DATE

BRYCE BOYER
NAME

Summit County Fire Warden
AFFILIATION


SIGNATURE

5/26/2021
DATE

PAUL HEWITT
NAME

Park City Fire District
AFFILIATION


SIGNATURE

5/27/2021
DATE

TRAVIS WRIGHT
NAME

Forestry Fire and State Lands WUI
Coordinator
AFFILIATION


SIGNATURE

5/27/2021
DATE



JENNIFER WESSELHOFF

NAME

Park City Chamber of
Commerce/Convention and Visitors Bureau

AFFILIATION

Jess
SIGNATURE

5/24/21
DATE

STEVE GRAFF

NAME

Deer Valley Resort

AFFILIATION

Steve Graff
SIGNATURE

5/24/21
DATE

MIKE LEWIS

NAME

Vail / Park City Mountain Resort

AFFILIATION

Mike Lewis
SIGNATURE

6/16/21
DATE

CLINT MCAFFEE

NAME

Park City Utilities Director

AFFILIATION

Clint McAfee
SIGNATURE

5-27-21
DATE

HEINRICH DETERS

NAME

Park City Trails, Open Space, Real Estate

AFFILIATION

Heinrich Deters
SIGNATURE

6/7/21
DATE



INTRODUCTION

Over 600 of Utah’s communities have been classified as “at risk” of wildfire. The safety of the citizens of any community and the protection of private property and community infrastructure is a shared responsibility between the citizens; the owner, developer or association; and the local, County, State and Federal governments. The primary responsibility, however, remains with the local government and the citizen/owner.

The purpose of wildfire preparedness planning is to...

- Motivate and empower local government, communities, and property owners to organize, plan, and take-action on issues impacting the safety and resilience of values at risk
- Enhance levels of fire resilience and protection to the communities and infrastructure
- Identify the threat of wildland fires in the area
- Identify strategies to reduce the risks to structures, infrastructure and commerce in the community during a wildfire
- Identify wildfire hazards, education, and mitigation actions needed to reduce risk
- Transfer practical knowledge through collaboration between stakeholders toward common goals and objectives

Outcomes of wildfire preparedness planning are to...

- Facilitate organization of sustainable efforts to guide planning and implementation of actions:
 - *Fire Adapted Communities*
 - *Resilient Landscapes*
 - *Safe and Effective Fire Response*
- Improve community safety through:

<ul style="list-style-type: none"> ○ <i>Coordination and collaboration</i> ○ <i>Public awareness and education</i> ○ <i>Firefighter training</i> ○ <i>Fuel modification and reduction</i> 	<ul style="list-style-type: none"> ○ <i>Improved fire response capabilities</i> ○ <i>Fire prevention</i> ○ <i>Development of long-term strategies</i>
---	--

RESOURCES

- ✓ *Local / Primary fire protection provider*
- ✓ *Local Resource, Conservation and Development Districts*
- ✓ *Utah Division of Forestry, Fire and State Lands*
- ✓ *Utah State Fire Marshal (Dept. of Public Safety)*
- ✓ *Utah Division of Emergency Management*
- ✓ *Utah Living With Fire*
- ✓ *Local emergency management services*
- ✓ *USDA Forest Service*
- ✓ *U.S. Department of Interior Agencies*
- ✓ *Utah Resource Conservation Districts*
- ✓ *Utah Soil Conservation Districts*
- ✓ *Local fire agencies*

STATEMENT OF LIABILITY

The activities suggested by this template, associated checklists and guidance documents, the assessments and recommendations of fire officials, and the plans and projects outlined by the community wildfire council, are made in good faith according to information available at this time. The Utah Division of Forestry, Fire and State Lands and Park City Municipal Corporation assume no liability and make no guarantees regarding the level of success users of this plan will experience. Wildfire still occurs, despite efforts to prevent it or contain it; the intention of all decisions and actions made under this plan is to reduce the potential for, and the consequences of, wildfire.

PLANNING OVERVIEW

Park City is a municipality located within Summit County, Utah, and is entirely contained within the wildland urban interface (WUI). Every residential and commercial area within Park City limits lies inside the WUI. Most of Park City's jurisdiction is mountainous, especially the south, southwestern, and western boundaries of the City. The wildland ranges from sagebrush foothills to mountain peaks. Decades of drought, fire suppression, and climate change have resulted in a buildup of fuels in these lands, creating a dangerous environment set for catastrophic fire that if it occurred, could destroy thousands of homes, critical infrastructure, and the local economy.

Summit County, in which Park City is mostly housed, is home to the headwaters of four of the five major rivers in Utah (Duchesne, Provo, Weber and Bear), which provide critical drinking and irrigation water to Summit County and communities downstream, such as major population centers in the Salt Lake Valley. Catastrophic wildfire poses a huge risk to the security of these water systems due to contamination from mudslides and debris flows that inevitably occur after a megafire has destroyed the landscape and tree systems in the area.

In an effort to build a fire resilient community and continue participating in the State of Utah's fire suppression program, Park City has engaged in a planning effort to update its 2013 Community Wildfire Preparedness Plan (CWPP) with the intent of identifying and committing to additional actions in the areas of wildfire mitigation, prevention, and preparedness.

Planning for the City's CWPP update began in early 2020 and involved representatives from the City Council, City Administration, County Fire Warden, City and County Emergency Management, Chief Fire Official and Deputy Chief Fire Official, Forestry Manager and Planning Director, Emergency Management, Park City Fire District, Deer Valley and Vail Resorts, Park City Chamber of Commerce/Visitors Bureau, Historic Park City Alliance, Snyderville Basin Parks and Recreation, Forestry Fire and State Lands, U.S. Forest Service, Mountainlands Regional Water District, Rocky Mountain Power, Dominion Energy, and others. Members of this group met monthly over the course of seven months to discuss goals and actions the City would take in fire mitigation, prevention, and preparedness.

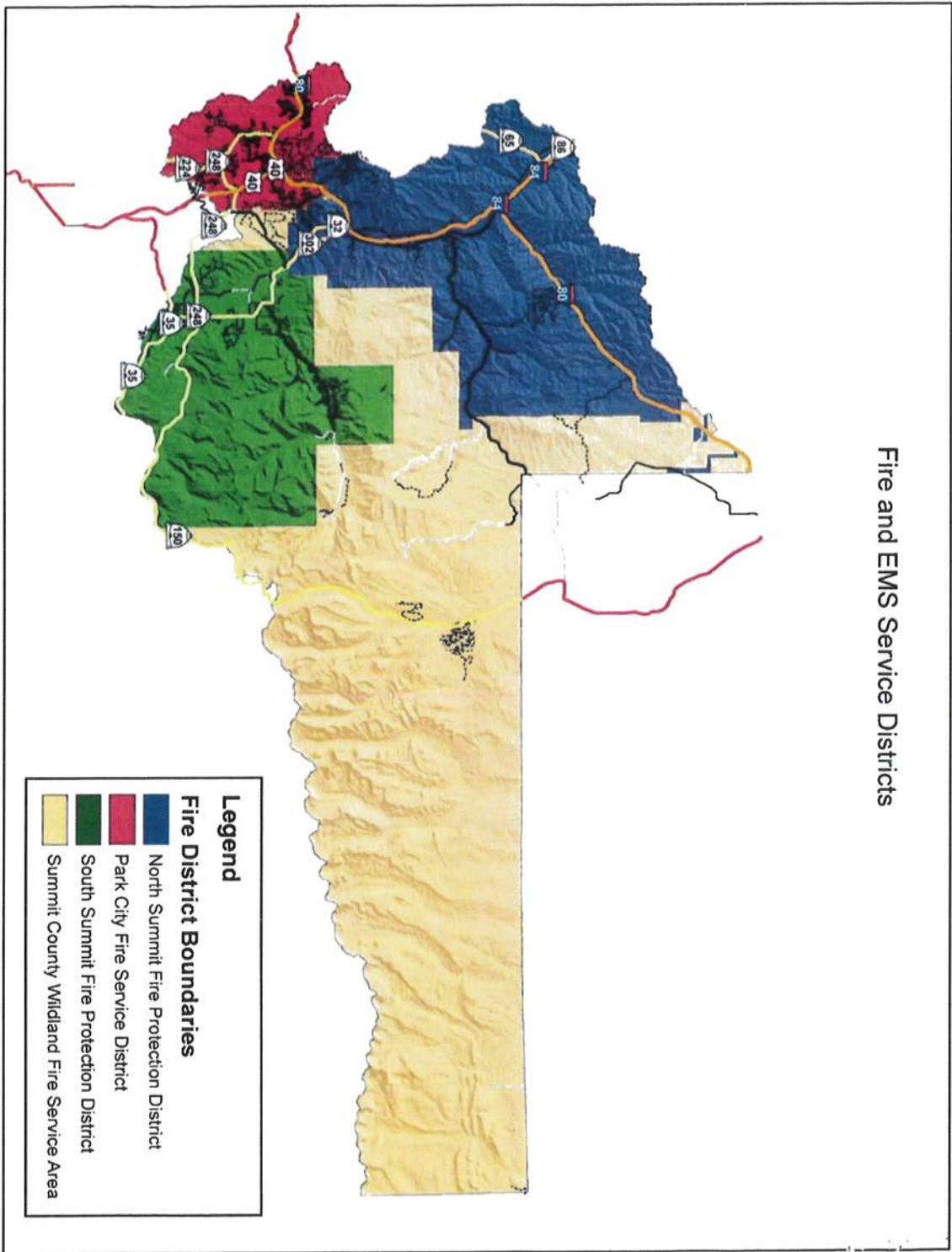
During these meetings, the group examined maps, analyzed fire risk data, studied effective strategies and best practices in mitigation, prevention, and preparedness, and discussed actions that both the City and property owners could take to help make the community more resistant to wildfire.

The intended outcome of this planning effort was to update the City's community wildfire preparedness plan for the City Council to adopt and which would inform City efforts in the areas of wildfire mitigation, prevention and preparedness. Following is the plan resulting from this effort.

The City Council adopted this CWPP on May 27, 2021 and authorized staff to submit it to the State via the County Fire Warden.

This is a dynamic, working document that will be updated as information changes, progress is made towards the goals outlined in the plan, and the community evolves. Because fires are likely to spread beyond political boundaries, data from Summit County is included in this report.

PLAN OVERVIEW MAP – Summit County



PLAN OVERVIEW MAP – Park City



PART I: COMMUNITY DESCRIPTION – Park City

Legal Structure

Organization	Contact Person	E-mail
Park City Council	Andy Beerman Mayor	andy@parkcity.org
Park City Municipal Corporation	Matt Dias City Manager	matt.dias@parkcity.org
Park City Police Department	Wade Carpenter Police Chief	wade.carpenter@parkcity.org
Park City Fire District	Brant Lucas	blucas@pcfd.org
Summit County Fire Warden	Bryce Boyer	bruceboyer@utah.gov
Park City Public Works	Troy Dayley Director	troy@parkcity.org
Park City Public Utilities	Clint McAfee Director	clint.mcafee@parkcity.org
Park City Municipal Athletic and Recreation Center (MARC)	Tate Shaw Assistant Director	tshaw@parkcity.org
Park City Chief Fire Code Official/Chief Building Official	Dave Thacker	dave.thacker@parkcity.org
Park City School District	Mike Tanner Chief Operating Officer	mtanner@pcschools.us
Park City Municipal Forestry Manager		
Park City Trails, Open Space, & Real Estate	Heinrich Deters	hdeters@parkcity.org
Park City Attorney	Mark Harrington	mark@parkcity.org
Park City Public Information Officer	Linda Jager	linda.jager@parkcity.org
Park City Planning Director	Gretchen Milliken	gretchen.milliken@parkcity.org
Park City Emergency Manager	Mike McComb	mike.mccomb@parkcity.org

Community Partnerships & Collaboration

Community Partnerships & Collaboration		
List the government entities associated with the community – city, town, unincorporated community, special service district, homeowner association(s), other.		
Organization	Contact Person	E-mail
Park City HOA List		
Summit County	Tom Fisher County Manager	tfisher@summitcounty.org
Summit County Emergency Manager	Kathryn McMullin	kmcmullin@summitcounty.org
Dominion Energy (Questar)	Seth Plazier	seth.plazier@dominionenergy.com
Rocky Mountain Power	Lisa Romney	Lisa.romney@rockymountainpower.com
Mountain Regional Water Special Service District	Scott Morrison General Manager	scottm@mtregional.org
Snyderville Basin Special Recreation District, Open Space Management Supervisor	Jessica Kirby	jessica@basinrecreation.org
Department of Natural Resources, Forestry Fire and State Lands WUI Coordinator	Travis Wright	tdwright@utah.gov
Central Utah Water Conservancy District	Gene Shawcraft	www.cuwcd.com
Utah Division of Water Resources	Rachel Shilton	rachelshilton@utah.gov
Snyderville Basin Water Reclamation District	Mike Luers General Manager	mluers@sbwrd.org
Deer Valley Resort	Steve Graff Operations Manager	sgraff@deervalley.com
Vail (Park City Mountain Resort)	Mike Lewis Operations Manager	mlewis@vailresorts.com
Park City Chamber of Commerce/Visitors Bureau	Bob Kollar	bob@visitparkcity.com
Historic Park City Alliance		
U.S. Forest Service, Heber and Kamas	Daniel Jauregui	daniel.jauregui@usda.gov

Restricting Covenants, Ordinances

Restricting Covenants, Ordinances, etc.- For example, home association bylaws may have requirements regarding building construction materials or vegetation removal, or regarding access in a gated community.		
Source	Details	Focus area
Municipal Ordinance 2020-35	Adopts 2006 Utah Wildland Urban Interface Code, updates Municipal Code and Land Management Code.	Park City WUI
Summit County Zoning Map	ArcGIS zoning map	Summit County - All
Summit County Parcel Viewer - GIS	Interactive map of information, data and records.	Summit County - All

Population Summary

Population – Park City	
Approximate number of homes	3,214 (estimated)
Approximate number of commercial entities	3,377 (estimated)
Approximate number of full-time residents	8,526
Approximated number of part-time residents	Fluctuates with season
<i>Notes/comments:</i> Data in this table identifies dwellings. Of note, by one estimate, more than 67% of Park City dwellings are vacant much of the year. Summit County’s approximated resident population is 42,145 people, making Park City residents approximately 20% of the County's population.	

Access

Access – Summit County and Park City					
Directions to community					
<p>Summit County lies on the upper east side of Utah. Its northeast borders follow the south and west borders of the state of Wyoming. Its central and eastern portion consists largely of the east-west oriented Uinta Mountains, while its western portion runs to the east slopes of the north-south oriented Wasatch Mountains. The City's highest point is Jupiter Peak, located on the border with Salt Lake and Wasatch Counties, at 9900' ASL. The City has a total area of 19.99 square miles, almost all of which consists of land. Water sources present within City limits consist of small ponds and streams.</p> <p>Major public surface roads providing access to Park City:</p> <table border="1" style="width: 100%;"> <tr> <td>• US Interstate I-80</td> <td>• UT Route SR-248</td> </tr> <tr> <td>• US Route US-40/US-189</td> <td>• UT Route SR-224/SR-190 Guardsman Pass (seasonal, mountain summit closed in winter)</td> </tr> </table> <p style="margin-left: 20px;">Summit County ArcGIS Roads Map</p>		• US Interstate I-80	• UT Route SR-248	• US Route US-40/US-189	• UT Route SR-224/SR-190 Guardsman Pass (seasonal, mountain summit closed in winter)
• US Interstate I-80	• UT Route SR-248				
• US Route US-40/US-189	• UT Route SR-224/SR-190 Guardsman Pass (seasonal, mountain summit closed in winter)				
All-weather access					
<p>Major roads and access routes are generally paved and plowed with exceptions as noted. Non-paved surfaces may not be accessible during winter months or severe storms.</p>					
Seasonal access					
<ul style="list-style-type: none"> • SR-224/190 Guardsman Pass MP 17.7 (SR- 190)-0.84 (SR- 224) between Wasatch County, Brighton, and Park City • UDOT Seasonal Road Closures 					

Roads

Roads – Park City								
	None	Some	All	Adequate	Inadequate	% Pavement	% gravel	% dirt
Road signs present		X		X		%	%	%
Will support normal flow of traffic			X	X		%	%	%
Are loop roads		X		X		%	%	%
Are dead-end roads		X		X		%	%	%
Turnaround space available at end of road for emergency equipment		X		X	X	%	%	%
<i>Notes/comments:</i> 96% of roads are pavement; 2% are gravel; 2% are dirt. Most will support two lanes of traffic (based upon neighborhood and snowfall).								

Driveways

Driveways – Park City							
	Adequate	Inadequate	None	Few	Most	All	
Most driveways width and height clearance, road grades and vegetation appearance are...	X				X		
Individual homeowners have posted their address	X				X		
<i>Notes/comments:</i> Specific concerns regarding grade and slope considerations for driveways in particular.							

Structures

Structures – Park City						
	None	Few	Some	Many	Most	All
Wood frame construction					X	
Have wood decks or porches				X		
Have wood, shake or shingle roofs			X			
Are visible from the main subdivision road				X		

Structures – Park City
<i>Notes/comments:</i> Specific concerns expressed for Deer Valley areas.

Bridges Gates, Culverts

Bridges, Gate, Culverts, other – Park City			
	None	Some	All
Bridges support emergency equipment			X
Gate provides easy access to emergency equipment			X
Culverts are easily crossed by emergency equipment			X
<i>Notes/comments:</i>			

Utilities

Utilities – Park City						
	Below ground	Above ground	Provided by	Phone number	% marked with a flag or other highly visible means	% utilized
Water	X		Park City Water	435-649-7324	%	%
Telephone Service	X	X	All West	866-255-9378	%	%
Telephone Service	X	X	Century Link	855-284-1591	%	%
Telephone Service	X	X	Xfinity	800-934-6489	%	%
Electrical Service	X	X	Rocky Mountain Power	888-221-7070	%	%
Are there homes utilizing propane?			Utah LP Gas Suburban Propane	435-336-2147 800-776-7263	%	%
Are there homes utilizing natural gas?	X		Dominion Energy	800-767-1689	%	%

Utilities – Park City						
Solid Waste & Recycling	NA	NA	Republic Services	801-924-8500	%	%
Recycling	NA	NA	Recycle Utah	435-649-9698	%	%
Landfill	NA	NA	Summit County	435-336-5297	%	%
<i>Notes/comments:</i>						

Propane Tanks

List locations of propane tanks above ground – Park City		
Owner	Address, lat/long, etc.	Size
<i>Notes/comments:</i> Not applicable		

Primary Water Sources

Primary Water Sources – Park City			
Approximate % homes using central water system			100%
Approximate % homes using individual wells			0%
Approximate % homes having additional private water source			00%
Water provided by	Park City Municipal Corporation	Phone	435-615-5335
<i>Notes/comments:</i>			

List locations of water sources – Park City		
Owner	Address, lat/long, etc.	Accessible
Park City Municipal	Quinn's Junction Water Treatment Plant (Surface water from Weber River / Rockport Reservoir)	N
Park City Municipal	Middle School Well	N
Park City Municipal	Divide Well	N
Park City Municipal	Park Meadows Well	N
Park City Municipal	Thiriot Spring	N
Park City Municipal	Spiro Tunnel	N
Park City Municipal	Municipal Golf Course holding ponds 40.65942584726672, -111.51275616372773	Y
Vail Resorts	Shadow Lake 40.61655425005351, -111.548042411611	Y
Vail Resorts	Mid-Mountain Pond (Canyons) 40.646194269414664, -111.54984707728825	Y
Deer Valley	Basin ponds 40.64313666683746, -111.48022544646922	Y
Deer Valley	Deer Valley snowmaking reservoir 8803' ASL 40.60883 N 111.48916 W	Y
Park Meadows Country Club	Golf course ponds 40.674954858961144, -111.50391617098366	Y
Jordanelle Special Service District	Jordanelle Reservoir 40.609963479702046, -111.41637852614078	Y
Silver Springs	Silver Springs ponds 40.691917544049026, -111.52656582020717	Y
<p><i>Notes/comments:</i> Jordanelle Reservoir is located outside City limits, but is the closest large body of water adjacent to City limits. Mid-Mountain Pond at Canyons and Silver Springs ponds are also outside City limits, but are potential water sources. Note that firefighting helicopters may be restricted from crossing active public highways while carrying water, so resources may be needed to close those roads.</p>		

PART II: RISK ASSESSMENT

Estimated Values at Risk	
Estimated / assessed current market values of residential and commercial property in the area - Park City	
Estimated market values at risk of commercial and residential property. Source: Summit County Tax Assessor	\$ 11,637,579,052
Year	2020

Natural Resources

Natural Resources at Risk

Describe the natural resources at risk in the area, such as watershed, forest products, wildlife, recreation tourism, etc.

Park City lies in the southwest corner of Summit County, Utah, with City limits bordering Salt Lake County to the west and Wasatch County to the south. Some 1,300 acres of City property, designated as open space, are located within Wasatch County.

Forests/Parks/Ski Resorts/Protected Areas

- Deer Valley Resort
- Park City Mountain Resort
- Round Valley
- McPolin Farm and surrounding area
- Wasatch National Forest
- Bonanza Flats
- Treasure Hill
-

Rivers/Creeks/Streams

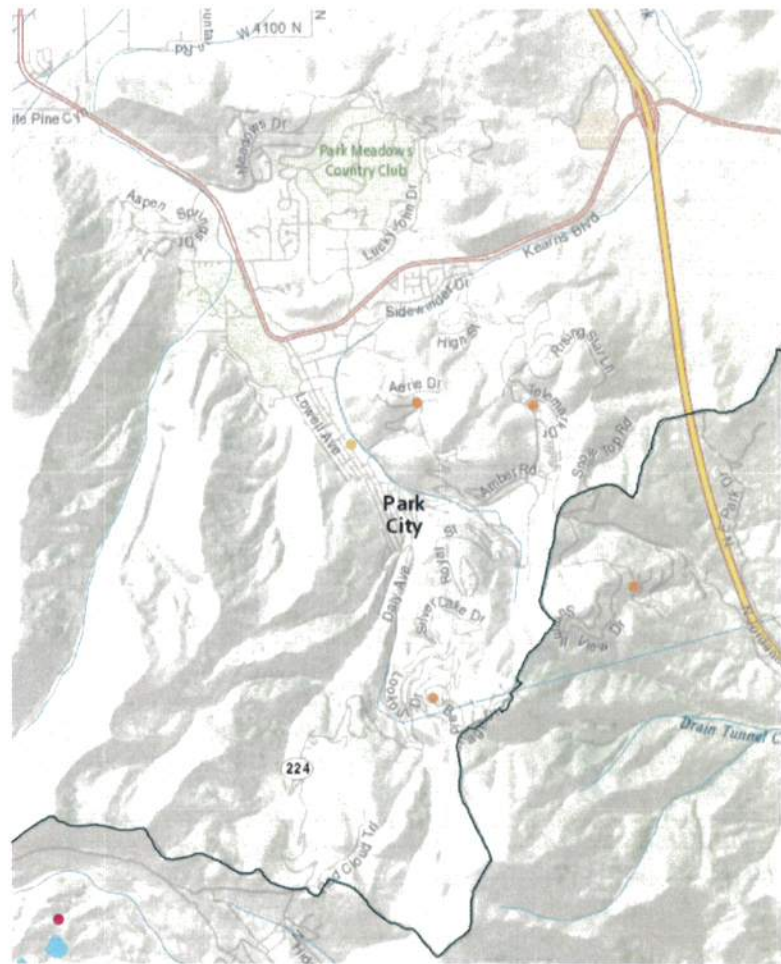
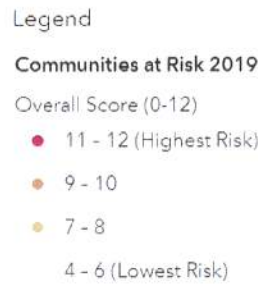
- City Creek
- Poison Creek
- McLeod Creek

Ponds/Lakes/Reservoirs within City limits

- Deer Valley basin ponds
- Park City Municipal Golf Course pond
- Park Meadows Country Club golf course ponds
- Aspen Springs Drive pond
- Shadow Lake

Communities at Risk (CARs) List

The following information is based on the Communities at Risk (CARs) list (Appendix F) that was developed cooperatively at the local and state level to assist land management agencies and other stakeholders in determining the scope of the WUI challenge and to monitor progress in mitigating the hazards in these areas. This information is updated annually through the interagency fuel groups.



2019 Communities at Risk Excerpt for Park City/adjacent communities

Community Name	Fire Occurrence	Fuels Hazards	Values Protected	Fire Protection Capability	Overall Score	Notes
Aerie	2	3	3	2	10	Within City limits
Deer Valley	2	3	3	2	10	Within City limits
Park City	1	3	3	1	8	
Solamere	2	3	3	2	10	Within City limits
Cloud Rim	2	3	3	3	11	Adjacent to Bonanza Flats
Deer Crest	2	3	3	2	10	Adjacent to Park City limits

Fire Occurrence: Number of fires in the area for the last 10 years <u>2010</u> to <u>2020</u>			
	0	No Risk	
	1	Moderate	0 to 1 fire/township
X	2	High	2 to 14 fires/township (does not include small fires)
	3	Extreme	Greater than 14 fires/township

Area Fire History			
Year	Area	Ignition source	Acres burned
2010	Aerie	Human	
2012	Fox Bay	Human	600
2013	Rockport	Lightning	5,000+
2017	Dollar Ridge	Lightning	100,000+
2019	Mirror Lake	Human	
2019	Deer Creek	Human	
2020	Saddle	Human-Intentional	600
2020	Wallsburg	Human	
2020	Canyon	Human	
2020	Fire Canyon	Human	

Fuel Hazard

Fuel Hazard: Assess the fuel conditions of the landscape and surrounding the community			
	0	No Risk	
	1	Moderate	Moderate to low to control, fire intensities would generally cause moderate damage to resources based on slope, wind speed and fuel. Vegetation Types: Ponderosa pine/mountain shrub, grassland, alpine, dry meadow, desert grassland, Ponderosa pine, Aspen and mountain riparian.
	2	High	High resistance to control, high to moderate intensity resulting in high to moderate damage to resources depending on slope, rate of spread, wind speed and fuel loading. Vegetation Type: Maple, mountain shrubs, sagebrush, sagebrush/perennial grass, salt desert scrub, Black Brush, Creosote and Greasewood.
X	3	Extreme	High resistance to control, extreme intensity level resulting in almost complete combustion of vegetation and possible damage to soils and seed sources depending on slopes, wind speed, rate of spread and fuel loading.

Values Protected

Values Protected: Evaluate the human and economic values associated with the community or landscape, such as homes, businesses and community infrastructure.

	0	No Risk	
	1	Moderate	Secondary Development: This would be seasonal or secondary housing and recreational facilities.
	2	High	Primary Development: This would include primary residential housing, commercial and business areas.
X	3	Extreme	Community infrastructure and community support: This would be water systems, utilities, transportation systems, critical care facilities, schools, manufacturing and industrial sites. It may also include valuable commercial timber stands, municipal watersheds and areas of high historical, cultural and/or spiritual significance which support and/or are critical to the well-being of the community.

Insurance Rating

Insurance Rating	
Provide the current insurance rating for the community	
ISO Fire Insurance Rating:	3

Protection Capabilities: Insurance Services Organization (ISO) rating for the community will serve as an overall indicator of the protection capabilities.

X	1	Moderate	ISO Rating of 6 or lower		
	2	High	ISO Rating 7 to 9		
	3	Extreme	ISO Rating 10		
Fire Occurrence		Fuel Hazard	Values Protected	Fire Protection Capabilities	Overall Rating
2		3	3	1	9
Total: 4-7 Moderate, 8-11 High, 12 Extreme					High

Utah Wildfire Risk Assessment Portal (UWRAP)

The following information is based on the Utah Wildfire Risk Assessment Portal (UWRAP) and Area of Interest (AOI) Summary Reporting Tool. Reports are generated using a set of predefined map products developed by the West Wide Wildfire Risk Assessment (2012) project. The UWRAP provides a consistent, comparable set of scientific results to be used as a foundation for wildfire mitigation and prevention planning in Utah.

Wildland Development Area (WUI) Impacts: Data set is derived using a Response Function modeling approach. To calculate the Wildland Development Area Impact Response Function Score, the Wildland Development Area housing density data was combined with flame length data and Response Functions assignments to represent potential impacts.

Wildfire Threat: A number that is closely related to the likelihood of an acre burning.

Wildfire Risk: Combines the likelihood of a fire occurring (Threat), with those of areas of most concern that are adversely impacted by fire (Fire Effects). Wildfire Threat Index is derived from historical fire occurrence, landscape characteristics including surface fuels and canopy fuels, percentile weather derived from historical weather observations and terrain conditions. Fire Effects are comprised of Value Impacts and Suppression Difficulty.

Total Acres Areas of Interest (AOI) - Summit County

	Total Acres AOI for each Category with the percentage added					
	Wildfire Risk		WUI Impacts		Wildfire Threat	
Low (1-4)	970,868	80.60%	31,788	70.80%	1,023,899	85.00%
Moderate (5-7)	208,944	17.40%	9,931	22.20%	168,745	14.00%
High (8-10)	24,030	1.90%	3187	7%	11,198	0.90%
Total Acres	1,203,842		44,906		1,203,842	

Park City Areas of Interest (AOI)

Eight AOIs within Park City limits were developed using the UWRAP summary risk tool. These areas, with approximate acreage, include:

- Prospector - Quinn's (1,483 acres)
- Deer Valley - Empire (2,309 acres)
- Solamere (1,125 acres)
- Park Meadows (1,632 acres)
- Old Town - PCMR (3,558 acres)

- Round Valley (2,200 acres)
- Thaynes (827 acres)

The associated risk summaries for these areas are included in Appendix C.

PART III: RISK REDUCTION GOALS/ ACTIONS - Park City

Past Accomplishments	
Prevention	<ul style="list-style-type: none"> • Park City Fire District Fire Prevention Open Houses, Emergency Preparedness Fairs • Annual fire prevention/preparedness mailer • 2019 Wildfire Panel Discussion - 'Era of Megafires' video • Public event attendance – flyer distribution at markets, HOA meetings • Coordinated with Leadership Park City Class 25 on public outreach and education, resulting in a 3-minute PSA video and community resource guide informing property owners about the wildfire risk and importance of hardening their homes and creating defensible space to create a fire resilient community.
Preparedness	<ul style="list-style-type: none"> • Park City Fire District wildfire training/certifications - including Local IMT/Response Team - Type III Incident • Emergency Manager wildland firefighting training • Evacuation plan development
Mitigation	<ul style="list-style-type: none"> • PCFD chipping program • Defensible space/fuel break programs
Response	<ul style="list-style-type: none"> • Implemented integrated public alert and warning system/emergency alert system throughout City and County • Addition of dedicated wildfire station in Summit Park • Addition of wildland apparatus
Maintenance	<ul style="list-style-type: none"> • Fuel break maintenance/Trail work

Goals of Plan: This plan is intended to increase the number and area of resilient landscapes, promote fire-adapted communities, and improve wildfire response, supporting Prevention, Preparedness, Mitigation and Maintenance goals. These align with the pillars of the National Cohesive Strategy and the Utah Catastrophic Wildfire Reduction Strategy (1.Resilient Landscapes 2. Fire Adapted Communities 3. Wildfire Response).

Identification of Actions:

GOAL A: PREVENTION – Activities directed at reducing the occurrence of fires, including public education, law enforcement, and personal contact.

Goal A.1 – Public Outreach				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
<ul style="list-style-type: none"> • Encourage community wildfire prevention programs and planning committees 	2021-2023	City, Agency	1	All
<ul style="list-style-type: none"> • Public presentations & workshops 	2019-	City, County, Agency	1	Preparedness

• Wildfire information & updates @ Summit County website	2019-	Summit County	1	All
• Wildfire/WUI information @ BeReadyParkCity.org website	Ongoing	City	1	All
• Lot assessment (Survey 123)	2019-2022	Summit County	3	Planning
• Adopt WUI ordinances and building codes <i>(see note)</i>	2019-2020	City	1	Planning
• Expand chipper program	2019-2022	Park City Fire District	1	Mitigation
• Community/HOA rules & covenants review	2021-2025	Community	2	Preparedness
• Emergency mass notification system campaign	Ongoing	City	1	Response
• Summer wildfire preparedness mailer	Annual	City	2	Preparedness

Notes, updates, and monitoring

In 2020, the Planning Department proposed revisions to the Municipal Code including the adoption of the 2006 Utah Wildland Urban Interface Code, as amended; implementing Wildland Urban Interface standards; and adding Firewise designations to the Title 14-1-5 plant list; revisions to the Land Management Code defining Defensible Space and Firewise Landscapes/Landscaping; and implementing Wildland Urban Interface standards for the Sensitive Lands Overlay, Annexations, and Master Planned Developments. Council unanimously passed Ordinance 2020-35 on [July 9, 2020](#).

GOAL B: PREPAREDNESS – Activities that lead to a state of response readiness to contain the effects of wildfire to minimize loss of life, injury, and damage to property. Including access to home/community, combustibility of homes/structures and creating survivable space.

Goal B.1 – Evaluate, upgrade and maintain community wildfire preparation				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
• CWPP development	2020-2021	City	1	Planning
• Response agency & personnel requirements & training	Ongoing	City, Agency	1	Planning
• Increase response agency depth	Ongoing	Park City Fire Department, City, County	1	Preparedness
• PPE, communications & response equipment	Ongoing	Agency, City, County	1	Response

Goal B.1 – Evaluate, upgrade and maintain community wildfire preparation				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
• Evacuation routes & plans	2020-2021	City	1	Planning
• Home hardening & defensible space	Ongoing	Community	1	Planning
• Lot assessment (Survey 123)	Ongoing	Agency	3	Planning
• Lot assessments – PSA to help homeowners do their own (Survey 123)	Ongoing	Park City Fire District, Fire Warden	3	Planning
<i>Notes, updates ,and monitoring</i>				

Goal B.2 – Educate community members to prepare for and respond to wildfire.				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
• Wildfire education campaign/website	Ongoing	City, County	1	Preparedness
• Public outreach displays/marketing/ mailers	Ongoing - annual	City	1	Preparedness
• Preparedness fairs & public meetings	2019-2025	City, Fire Warden, Park City Fire District, EM	2	Preparedness
• Firewise USA certification	2020-2022	City	2	Planning, Preparedness
• Home hardening & defensible space	Ongoing	City, Community	1	Mitigation
• Ready, Set, Go Program	2019-2022	Fire Warden, City, Agency	2	Planning
• CERT	2021-2022	Summit County	2	Preparedness
<i>Notes, updates ,and monitoring</i>				

Goal B.3 – Address identified regulative issues impacting community wildfire prevention and response needs.				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
<ul style="list-style-type: none"> Adopt WUI ordinances and building codes (<i>see note</i>) 	2019-2020	City	1	Planning
<ul style="list-style-type: none"> Community/HOA rules & covenants review 	2019-2022	Community	2	Preparedness
<ul style="list-style-type: none"> Evaluate landscaping plans/requirements (<i>see note</i>) 	Ongoing	City	2	Planning
<ul style="list-style-type: none"> Fire resilient revegetation (<i>see note</i>) 	2019-2022	City, County	2	Mitigation
<ul style="list-style-type: none"> Burning programs, notifications & regulations 	Ongoing	Summit County	1	Mitigation
<ul style="list-style-type: none"> Bio-char pilot program 	2021-	City	3	Mitigation
<p><i>Notes, updates ,and monitoring</i></p> <p>In 2020, the Planning Department proposed revisions to the Municipal Code including the adoption of the 2006 Utah Wildland Urban Interface Code, as amended; implementing Wildland Urban Interface standards; and adding Firewise designations to the Title 14-1-5 plant list; revisions to the Land Management Code defining Defensible Space and Firewise Landscapes/Landscaping; and implementing Wildland Urban Interface standards for the Sensitive Lands Overlay, Annexations, and Master Planned Developments. Council unanimously passed Ordinance 2020-35 on July 9, 2020.</p>				

Goal B.4 – Evaluate response personnel, facilities and equipment.				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
<ul style="list-style-type: none"> Personnel, training & qualifications 	Ongoing	Park City Fire District	1	Response
<ul style="list-style-type: none"> Equipment requirements & maintenance 	Ongoing	Park City Fire District	1	Response
<ul style="list-style-type: none"> Facilities evaluations & improvements 	Ongoing	Park City Fire District	1	Response
<ul style="list-style-type: none"> Finance & funding 	Ongoing	City	1	Planning
<ul style="list-style-type: none"> Local IMT/Response Team - Type III incident 	Ongoing	Park City Fire District	2	Response

GOAL C: MITIGATION – Actions that are implemented to reduce or eliminate risks to persons, property or natural resources including fuel treatments and reduction.

Goal C.1 – Decrease fuels within the community to reduce wildfire impact in and around the community.				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
<ul style="list-style-type: none"> Fuels Reduction Committee 	2021-	City	1	Mitigation
<ul style="list-style-type: none"> Evaluate City-owned lands, fuel breaks, reductions 	Ongoing	City	2	Planning
<ul style="list-style-type: none"> Chipper program (FEMA grant) 	2020-2022	Park City Fire District, Summit County	1	Mitigation
<ul style="list-style-type: none"> Recreation/trails – open space – fuel breaks 	Ongoing	City	1	Mitigation
<ul style="list-style-type: none"> CatFire grant 	2019-2022	Summit County	1	Mitigation
<ul style="list-style-type: none"> Pre-Disaster Mitigation grants 	2019-2022	Summit County	1	Mitigation
<ul style="list-style-type: none"> WRI Utah grant – revegetation, reductions 	2019-2022	Summit County	1	Mitigation
<ul style="list-style-type: none"> Pre-wildfire/fuel reduction treatments to reduce debris flow impacting Weber River 	Ongoing	Community (Mountain Regional, Park City Municipal Water, USU, other stakeholders)	1	Mitigation
<i>Notes, updates ,and monitoring</i>				

Goal C.2 – Work with local, state and federal fire officials to decrease fuels on private and adjacent public lands to reduce wildfire intensity and impact in and around the community.				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
<ul style="list-style-type: none"> Public outreach programs 	2019-2022	City	1	Preparedness
<ul style="list-style-type: none"> Fuels reduction programs 	2019-2022	City, County	1	Mitigation

Goal C.2 – Work with local, state and federal fire officials to decrease fuels on private and adjacent public lands to reduce wildfire intensity and impact in and around the community.				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
<i>Notes, updates, and monitoring</i>				

GOAL D: MAINTENANCE – the process of preserving actions that have occurred including fuel treatments and reduction.

Goal D.1 - Regularly evaluate, update and maintain project commitments.				
Action(s):	Timeline:	Community Lead:	Priority:	Focus Area
• CWPP	2020-2021	City	1	Mitigation
• Trails & open space work	Ongoing	City	1	Mitigation
• Funding & match requirements	Ongoing	City	1	Mitigation
<i>Notes and updates</i>				

PART IV: CONTACTS

Planning Committee Member List		
Name	Affiliation	E-mail
Bob Kollar	Chamber of Commerce/Visitors Bureau	bob@visitparkcity.com
Steve Graff	Deer Valley Resort	sgraff@deervalley.com
Seth Plaizier	Dominion Energy	seth.plaizier@dominionenergy.com
Travis Wright	Forestry Fire & State Lands WUI Coordinator	tdwright@utah.gov
Alison Kuhlow	Historic Park City Alliance	alison@historicparkcity.com
Scott Morrison	Mountain Regional Water	scottm@mtregional.org
Steve Joyce	Park City Council	steve.joyce@parkcity.org
Brant Lucas	Park City Fire District	blucas@pcfd.org
Lisa Romney	Rocky Mountain Power	lisa.romney@rockymountainpower-pacificpower.net
Jessica Kirby	Snyderville Basin Special Recreation District	jessica@basinrecreation.org
Kathryn McMullin	Summit County Emergency Manager	kmcmullin@summitcounty.org
Daniel Jaregui	U.S. Forest Service	daniel.jaregui@usda.gov
Mike Lewis	Vail Resorts	mlewis@vailresorts.com
Nicole Caito	Vail Resorts	nlcaito@vailresorts.com

Planning Committee Member List (Cont.)		
Name	Affiliation	E-mail
Dave Thacker	Park City Municipal Corporation Chief Fire Code Official	dave.thacker@parkcity.org
Mark Harrington	Park City Municipal Corporation City Attorney	mark@parkcity.org
Tricia Lake	Park City Municipal Corporation City Attorney's Office	tricia.lake@parkcity.org
Margaret Plane	Park City Municipal Corporation City Attorney's Office / Special Counsel	margaret.plane@parkcity.org
Lynn Ware Peek	Park City Municipal Corporation Community Engagement	lynn.ware-peek@parkcity.org
Linda Jager	Park City Municipal Corporation Community Engagement Director	linda.jager@parkcity.org
Matt Dias	Park City Municipal Corporation City Manager	matt.dias@parkcity.org
David Everitt	Park City Municipal Corporation Deputy City Manager	david.everitt@parkcity.org
Sarah Pearce	Park City Municipal Corporation Deputy City Manager	sarah.pearce@parkcity.org
Cherie Wellmon	Park City Municipal Corporation Building Department/Fire Inspector	cherie.wellmon@parkcity.org
Brittney Buchanan	Park City Municipal Corporation Planning Department	brittney.buchanan@parkcity.org
Elizabeth Jackson	Park City Municipal Corporation Planning Department	Lizjackson073@gmail.com
Gretchen Milliken	Park City Municipal Corporation Planning Department Director	gretchen.milliken@parkcity.org
Rebecca Ward	Park City Municipal Corporation Planning Department	rebecca.ward@parkcity.org
Bruce Erickson	Park City Municipal Corporation Planning Director / Forestry Manager	
Clint McAfee	Park City Municipal Corporation Public Utilities Director	clint.mcafee@parkcity.org
Tate Shaw	Park City Municipal Corporation Recreation Department Assistant Director	tate.shaw@parkcity.org
Logan Jones	Park City Municipal Corporation Trails, Open Space, and Real Estate	logan.jones@parkcity.org
Heinrich Deters	Park City Municipal Corporation Trails, Open Space, and Real Estate Director	heinrich.deters@parkcity.org
Chief Wade Carpenter	Park City Police Department	wade.carpenter@parkcity.org
Lt. Vai Lealaitafea	Park City Police Department	vaifoa.lealaitafea@parkcity.org
Madison Sinisley	Park City Police Department	madison.sinisley@parkcity.org
Mike McComb	Park City Municipal Corporation Emergency Manager	mike.mccomb@parkcity.org

Formal Associations			
Organization	Contact Person	Phone Number	E-mail or Website
Park City Chamber of Commerce/Convention & Visitors Bureau	Jennifer Wesselhoff	435-658-9617	jennifer@visitparkcity.com
Historic Park City Alliance	HPCA	435-658-9612	info@historicparkcityutah.com
Park City Board of Realtors	Jamie Johnson Hoppe	435-649-4112	jamie@parkcityrealtors.com
LDS Stakes (Jeremy, Park City)	Park City Stake	435-649-0725	https://parkcityutahstake.org/
St. Mary's Catholic Church		435-649-9676	info@stmarysparkcity.com http://www.stmarysparkcity.com/
Mountain Life Church	Pastor Steve	435-647-5855	https://mountainlife.org/
St. Lukes Episcopal Church	Pastor Charles Robinson	435-649-4900	pastor@stlukespc.org https://www.stlukesparkcity.org/
Temple Har Shalom	Deb Sheldon Executive Director	435-649-2276	https://www.harshalomparkcity.org/
Christian Center of Park City	Max Ventura Rob Harter	435-649-2260	max@ccofpc.org rob@ccofpc.org https://www.ccofpc.org/
Capital Church Park City	Leif Oines leif@capitalchurch.com	435-631-9877	https://www.capitalchurch.com/
Park City Area Lodging Association		435-647-0055	info@pcala.org
Lodging Association and Park City Area Restaurant Association	Ginger Wick	435-640-1168	pcrestaurants@gmail.com gingerwicks@icloud.com
Nuzzles & Co. (Previously Friends of Animals)	Lindsay Ortega	801-598-9895	Lindsay@nuzzlesandco.org
Recycle Utah	Carolyn Wawra, Director Troy Holding, Operations Manager troy@recycleutah.org 801-599-2466	435-649-9698	director@recycleutah.org
Park City Rotary	Corrie Forsling (2021)		www.parkcityrotary.org
Sunrise Rotary	Scott Pepler (2021)	801-864-2643	scottpepler@gmail.com president@parkcitysunriserotary.org
Community Emergency Response Team (CERT)	Kathryn McMullin, SCEM	435-640-0510	kmcmullin@summitcounty.org
Snyderville Basin Special Recreation District, Open Space Management Supervisor	Jessica Kirby	435-649-1564	jessica@basinrecreation.org
Local Emergency Planning Committee (LEPC)	Kathryn McMullin, SCEM	435-940-2508	kmcmullin@summitcounty.org

Commercial Entities			
Organization	Contact	Phone Number	E-mail
Deer Valley Resort	Steve Graff Director of Mountain Operations	435-645-6904	sgraff@deervalley.com
Park City Mountain Resort	Mike Lewis, Director of Operations	801-301-1500	mlewis@vailresorts.com
Woodward Park City		435-658-2648	info@woodwardparkcity.com
Utah Olympic Park	Colin Hilton	435-658-4227	colin@utaholympiclegacy.com
Historic Park City Alliance	Allison Kuhlow 435-640-3188	435-658-9612	
Swaner Nature Preserve	Nell Larson Executive Director Nell.Larson@usu.edu 435-797-8941	435-252-3575	
Park City Outlets	Heather Nash General Manager Heather.nash@outletsparkcity.com 801-232-8560 Tom Daughetee Operations Manager Tom.daughetee@outletsparkcity.com 307-679-1609	435-645-7078	Outlets Park City Park City, UT
Quarry Village	David Nadler Owner 631-418-5437 Paul Piper Property Manager 435-659-8289	435-200-0023	
National Ability Center	Katie Hobert Vice President of Operations katieh@discovernac.org 435-649-3991 Ex. 622	435-649-3991	info@discoverNAC.org
Canyons Village Management Association (CVMA)	John Simmons, Planning & Operations Manager	435-655-2581 Main Office: 435-655-2580	jsimmons@cvma.com

Media Support			
Organization	Contact Person	Phone Number	E-mail
KPCW Radio	Rick Brough	435-649-9004	Kpcw.org
Park Record	Scott Iwasaki	435-649-9014	Parkrecord.com
Park City TV	Danielle Turner	435-649-0045	danielle@parkcity.tv
Summit County Health Department Public Information Officer	Derek Siddoway	435-333-1503	dsiddoway@summitcounty.org
Summit County Sheriff's Office Public Information Officer	Andrew Wright	435-615-3600	awright@summitcounty.org
Park City Municipal Community Engagement / Public Information Officer	Linda Jager	435-615-5191	linda.jager@parkcity.org
Park City Fire District Public Information Officer	Tricia Hazelrigg	435-565-1744	thazelrigg@pcfd.org

Schools				
School	Contact Person	Phone Number	E-mail	Address
Park City School District	Jill Gildea, Superintendent	435-645-5600	Pcschools.ut	2700 Kearns Blvd Park City, UT 84060
Park City HS	Roger Arabi, Principal	435-645-5600 x2005		1750 Kearns Blvd Park City, UT 84060
Treasure Mountain Junior High	Caleb Fine, Principal	435-645-5600 x3205		2530 Kearns Blvd Park City, UT 84060
McPolin ES	Bob Edmiston, Principal	435-645-5600 x4205		2270 Kearns Blvd Park City, UT 84060
Jeremy Ranch ES	Shawn Kuennen, Principal	435-645-5600 x4005		3050 Rasmussen Rd, Park City, UT 84098
Trailside ES	Caroly Synan, Principal	435-645-5600 x4605		5700 Trailside Dr Park City, UT 84098
Ecker Hill MS	Amy Jenkins, Principal	435-645-5600 x3005		2465 West Kilby Rd, Park City, UT 84098
Parleys Park ES	Bob Edmiston, Principal	435-645-5600 x4405		4600 Silver Springs Drive Park City, UT 84098
Weilenmann Discovery	Jo Jones Front Office Manager 435-757-5411	435-575-5411	jojones@wsdpc.org info@wsdpc.org	4199 Kilby Road Park City, UT 84098
Park City Day School	Jennifer Kanzler Officer Manager 435-640-2149	435-649-2791	jkanzler@parkcitydayschool.org	3120 Pinebrook Road, Park City, UT 84098
Winter Sports School	Megan Altman Director of Operations	435-649-8760 Ex.1001	www.wintersportsschool.org maltman@wintersportsschool.org	4251 Shadow Mountain Dr, Park City, UT 84098
Montessori School	Bruce King Owner/Manager	435-649-3626	bruce@soaringwings.org	1580 Old Ranch Road Park City, UT 84098

PC Tots	Katie Madsen Manager 801-717-0665 kmadsen@pctots.org g Anca Neacsu Center Director 360-298-8857 aneacsu@pctots.org g	435-731-8860 (PC Tots 1) 435-731-8203 (PC Tots 2)	parkcitytots@gmail.com	1850 Sidewinder Dr., Suite 410, Park City, UT 84060 (PC Tots 1) 1881 Prospector Ave., Suite 100, Park City, UT 84060 (PC Tots 2)
---------	---	--	--	---

Transportation			
Organization	Contact Person	Phone Number	E-mail
Summit County Transportation	Caroline Rodriguez	435-336-3113	crodriguez@summitcounty.org
Park City Municipal Corporation Transit	Kim Fjelsted	(435) 615-5360	kim.fjelsted@parkcity.org

MOU/Private Equipment Capabilities				
Type of Equipment	Contact Person	Phone Number	E-mail	Address
Earth-moving equipment, generators, saws, trailers, etc.	Diamond Rental & Tools	(435) 645-7840	store13@diamondrental.com	6450 Silver Creek Drive, Park City
Earth-moving equipment, dump trucks	Geneva Rock Prod. Inc.	(435) 649-3033	N/A	4219 E Atkinson Rd., Heber City
Bulldozers, loaders, snow removal equipment, snowcats	Deer Valley Resort	(435) 513-2787	admin@deervalley.com	2250 Deer Valley Dr. South, Park City
Bulldozers, loaders, snow removal equipment, snowcats	Park City Mtn. Resort	(801) 301-1500	PCMRinfo@pcmr.com	1345 Lowell Avenue, Park City

Part V: APPENDICES

Appendix A: Summit County Pre-Disaster Mitigation Plan Excerpt

Appendix B: UWRAP Report - Summit County - ALL

Appendix C: UWRAP Reports

Appendix D: Agency CWPP

- [CWPP - Park City Fire District](#)

Appendix E: Community CWPP

Appendix F: Park City HOA Contacts

- [Park City HOA List](#)

Appendix G: UFFSL Communities at Risk List (CARS) - 2019

