

Colonel Denning State Park

Lower Mifflin Township, Cumberland County, Pennsylvania

SCALE | CONTOURS
1:5,000 | 5 meters



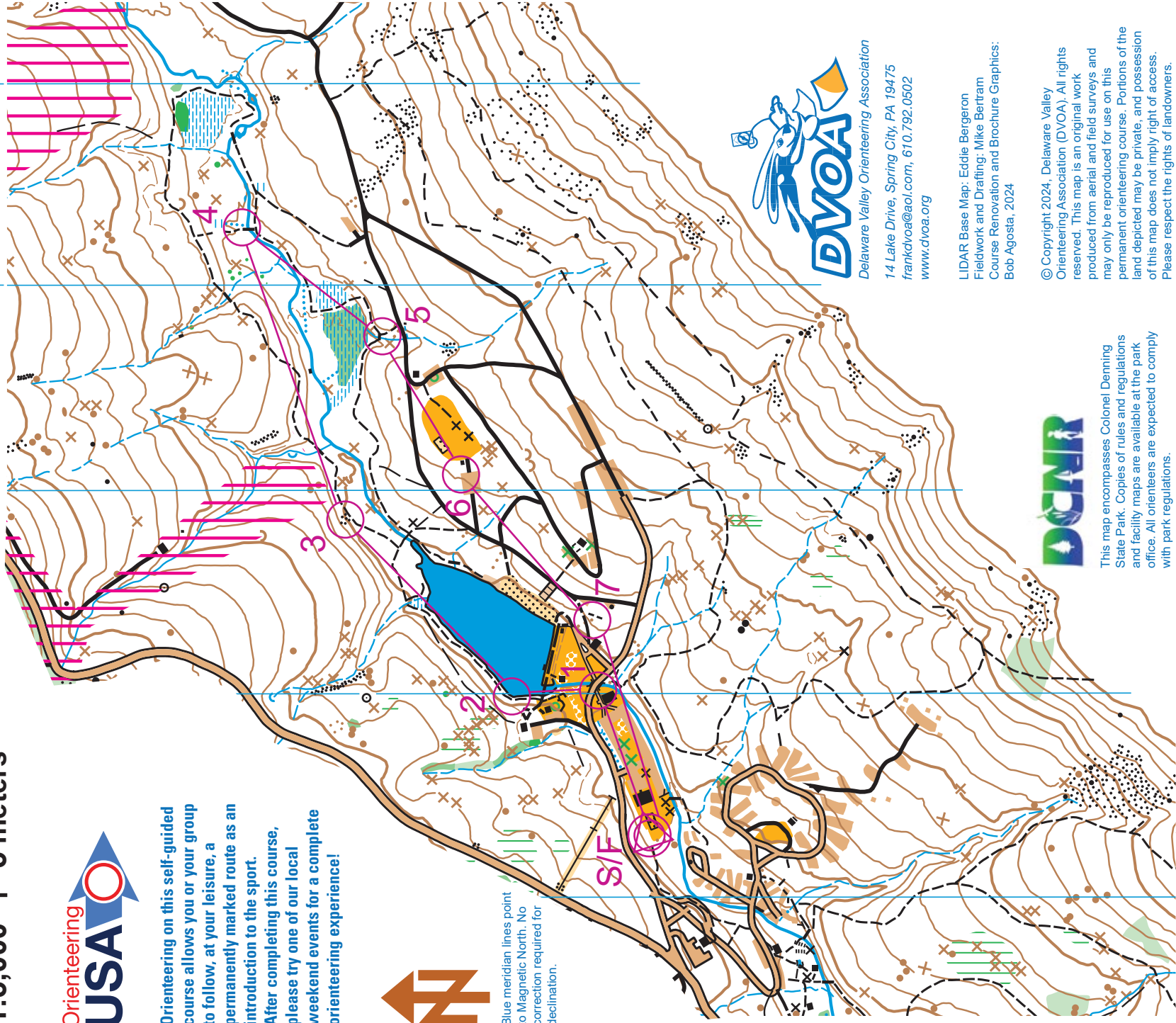
Orienteering on this self-guided course allows you or your group to follow, at your leisure, a permanently marked route as an introduction to the sport. After completing this course, please try one of our local weekend events for a complete orienteering experience!



Blue meridian lines point to Magnetic North. No correction required for declination.

BEGINNER COURSE

0 250 meters



Map scale is accurate when printed on an 8 1/2" x 11" sheet size.



Delaware Valley Orienteering Association
14 Lake Drive, Spring City, PA 19475
frankdvoa@aol.com, 610.792.0502
www.dvoa.org

LIDAR Base Map: Eddie Bergeron
Fieldwork and Drafting: Mike Bertram
Course Renovation and Brochure Graphics:
Bob Agosta, 2024



This map encompasses Colonel Denning State Park. Copies of rules and regulations and facility maps are available at the park office. All orienteers are expected to comply with park regulations.

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Colonel Denning State Park

Lower Mifflin Township, Cumberland County, Pennsylvania

MAP LEGEND

- paved road
- pavement, gravel
- dirt road
- vehicle trail
- large foot path
- small foot path
- indistinct path
- narrow ride
- stone wall
- ruined stone wall
- fence
- ruined fence
- uncrossable fence
- power line
- building
- ruin
- hunter's stand, misc. object
- cairn, rocky pit, tower
- boulder: small, large
- passable cliff
- impassable cliff
- boulder field, stony ground
- contours, form line
- gully, dry ditch
- small knoll, depression
- pit, broken ground
- earth bank
- earth wall
- ruined earth wall
- rootstock*, charcoal terrace*
- stream: wide, small
- small pond
- spring, waterhole, well
- lake, uncrossable river
- intermittent stream
- narrow marsh
- marsh, diffuse marsh
- open land, rough open
- open with scattered trees
- rough open with scattered trees
- vegetation: forest, slow run
- vegetation: walk, fight
- undergrowth: slow run, walk
- distinct vegetation boundary
- cultivated land, settlement
- distinct tree
- out of bounds
- * not an IOF symbol



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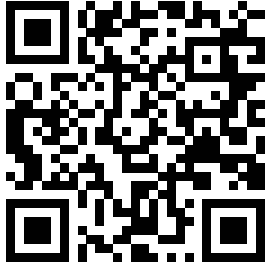
Colonel Denning State Park Permanent Orienteering Course Control Sheet					
Beginner Course		1.9 km distance (1.18 miles)		10m climb (33 feet)	
Control # / Letter Code		Control Descriptions		Control Descriptions (Text)	
△	S/F			┐	Path, East End
1	32		／	⊙	Path Road Crossing, West Side
2	33		／	∠	Path Bend
3	34		■		Stony Ground
4	35		／	┐	Bridge, North End
5	36		／	∠	Path Path Junction
6	37		◇	┐	Open Land, Northeast Corner
7	38		／	∠	Path Path Junction
OK		275m (902 feet) to Finish		OK	

Note:

Colonel Denning State Park offers three different orienteering course maps to fit your skill level - Beginner, Intermediate, and Advanced. All courses begin and end at the start/finish, S/F control marker shown on the map as a purple triangle and double circle.

Scouts BSA:

Scouts who need an orienteering course to complete First Class requirement 4a can use the Beginner Course. Scouts must also demonstrate measuring the height and/or width of designated features in the landscape to complete requirement 4a. Scouts who need a second course for the Orienteering Merit Badge should complete the Intermediate or Advanced course.



To check control letter codes, mail a copy of your noted course control sheet to: DVOA, 14 Lake Drive, Spring City, PA 19475.
Please include your phone, email, or mailing address for a reply.

After completing this course, please try one of our local weekend events for a complete orienteering experience!

Name _____

Mailing Address _____

Email _____

Phone _____

Date Course Completed _____ Start Time: _____

End Time: _____

ORIENTEERING - What is it?

Orienteering is a sport of Scandinavian origin. The game's objective is to locate fairly easy-to-find markers in the woods with the aid of a map and, if you like, a compass. The challenge of orienteering results from participants' not knowing ahead of time the markers' locations. The test lies in determining the best routes between these locations and, in the sport's competitive form, in finding all these points (called controls) in the least possible time. At its best, not only does orienteering improve your knowledge of geography and practical navigation, it enhances physical and mental fitness as well.

Orienteering is a sport for people of all ages, abilities, and gender. Participants can travel alone or in groups, running or strolling, to win the contest or merely to savor nature's beauty, which, as any orienteer will attest, is winning itself. The sport provides excellent family fare.



INFORMATION

Colonel Denning State Park is named in honor of William Denning who was, oddly, never a colonel. He was a veteran of the American Revolutionary War and a manufacturer of wrought iron cannons. The facilities at the park were constructed during the Great Depression in the 1930s by the Civilian Conservation Corps. It was formally opened in 1936.

For information about park activities, contact:

Colonel Denning State Park, 1599 Doubling Gap Road, Newville, PA 17241. Phone: 717.776.5272.

For information about local orienteering events, other area permanent courses, and club membership in eastern Pennsylvania, southern New Jersey, and Delaware, or for copies of this and other orienteering maps, please contact:

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Congratulations and thank you for participating!

INSTRUCTIONS

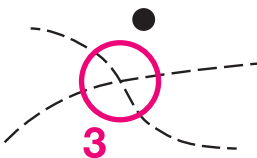
1. This permanent orienteering course offers a beginner level course. Reference the course control sheet for course distances and total course climb. The course begins at the Homestead Office, indicated on the map with a triangle symbol. The course ends at the adjacent parking lot, indicated on the map with a double circle symbol.

2. Familiarize yourself with the map before you begin.

NOTE: Familiarization with the map relative to the fields, roads, and features shown is easier if you hold the map flat in front of you and rotate it until it is "oriented" to the terrain. Magnetic North lines will help if you have a compass, but you will find that the map is detailed enough that you may not need one on this course.

3. Set out to visit the controls in the sequence outlined on the map starting at the start triangle and proceeding towards control #1. Upon reaching each control, record, on the course control sheet provided, the letter code shown on the marker post placard (see illustrations to the right). You may also want to time yourself from start to finish.

As an example, consider an imaginary control #3, marked on the map as shown below:



Referring to the map legend, you note that the control location, the point at the center of the circle, seems to be crossing between two paths. To confirm the terrain feature on which the control is located, look at the description and feature symbols provided on the sample control sheet shown below.

Permanent Orienteering Course Control Sheet					
Short Course		2.2 km distance (1.4 miles)		27m climb (90 feet)	
Control # / Letter Code		Control Descriptions		Control Descriptions (Text)	
▷		■			Start Triangle Building (Park Office)
1		↗	↘		Road Junction
2		▲		1.7	Boulder, 1.7m Height, North Side
3		↗	↘		Trail Junction

Suppose, after a fairly challenging and satisfying amount of navigation, you finally arrive at the vicinity of control #3. To your delight, you sight it precisely where it should be: at the foot path trail junction.



Take a closer look; you will notice the control number and letter code on the marker post placard.



By recording the letter code in the appropriate box on the control sheet, you provide proof of your visit to the control for later verification.

2	A		▲	
3	H		↗	↘

That's it! You're off to your next control, and so on to the finish.



SAFETY NOTES

At a moderate pace, the Beginner course at Colonel Denning State Park can ordinarily be completed within 30-45 minutes. It is wise to take this into consideration, especially when setting off towards dusk.

On the remote chance you become hopelessly disoriented, make your way north to Sheaffers Valley Road, Route 233. Remember that the sun rises in the east and sets in the west.

Some areas of the park may be hazardous. We told the Park Rangers we would remind you that you are responsible for you and your groups' safety.



ORIENTEERING | PERMANENT COURSE

Colonel Denning State Park

Lower Mifflin Township, Cumberland County, Pennsylvania

Colonel Denning State Park

Lower Mifflin Township, Cumberland County, Pennsylvania

SCALE | CONTOURS
1:5,000 | 5 meters



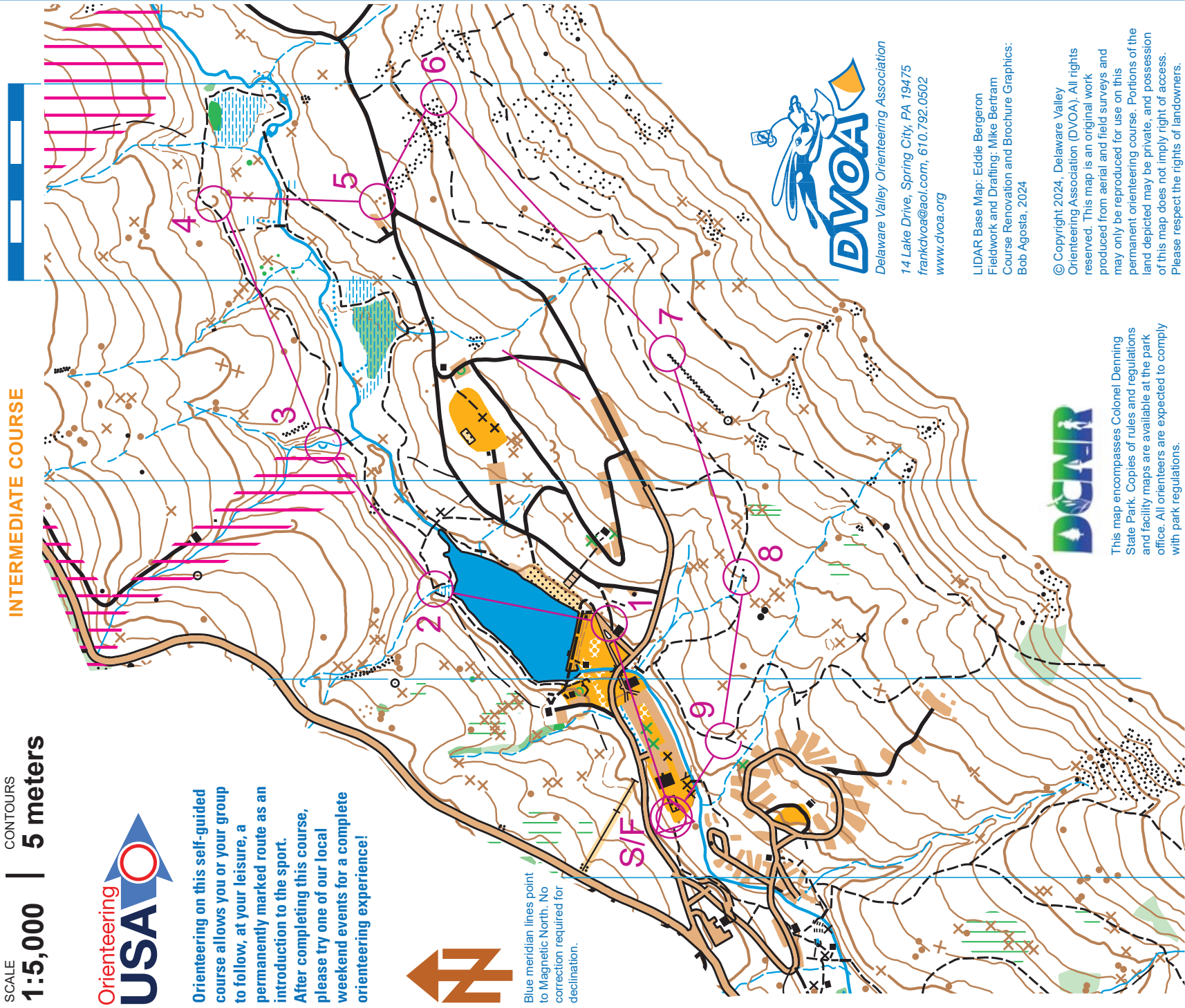
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INTERMEDIATE COURSE

0 250 meters



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09/2024



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Colonel Denning State Park Permanent Orienteering Course Control Sheet					
Intermediate Course		2.5 km distance (1.55 miles)		55m climb (180 feet)	
Control # / Letter Code		Control Descriptions		Control Descriptions (Text)	
Δ				T	Path, East End
1 48		⋈		⊥	Path, West End
2 47		⋈		↗	Bridge, Northeast End
3 46		⋈			Spring
4 45		⋈			Small Depression
5 44		⋈		T	Intermittant Stream, North End
6 43		⋈		Q	Stoney Ground, Southeast Edge
7 42		⋈		↗	Stoney Ground, Northeast End
8 41		⋈			Stoney Ground
9 40		⋈	⋈		Path Junction
		125m (410 feet) to Finish			

Note:

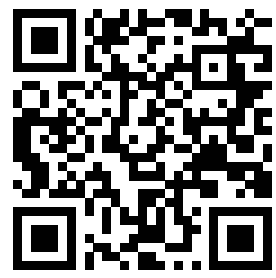
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Scouts BSA:

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After completing this course, please try one of our local weekend events for a complete orienteering experience!



Name _____

Mailing Address _____

Email _____ Phone _____

Date Course Completed _____ Start Time: _____ End Time: _____

ORIENTEERING - What is it?

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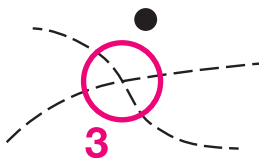
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2. Familiarize yourself with the map before you begin.

NOTE: Familiarization with the map relative to the fields, roads, and features shown is easier if you hold the map flat in front of you and rotate it until it is "oriented" to the terrain. Magnetic North lines will help if you have a compass, but you will find that the map is detailed enough that you may not need one on this course.

3. Set out to visit the controls in the sequence outlined on the map starting at the start triangle and proceeding towards control #1. Upon reaching each control, record, on the course control sheet provided, the letter code shown on the marker post placard (see illustrations to the right). You may also want to time yourself from start to finish.

As an example, consider an imaginary control #3, marked on the map as shown below:



Referring to the map legend, you note that the control location, the point at the center of the circle, seems to be crossing between two paths. To confirm the terrain feature on which the control is located, look at the description and feature symbols provided on the sample control sheet shown below.

Permanent Orienteering Course Control Sheet					
Short Course		2.2 km distance (1.4 miles)		27m climb (90 feet)	
Control # / Letter Code		Control Descriptions		Control Descriptions (Text)	
▷		■			Start Triangle Building (Park Office)
1		/	/	Y	Road Junction
2		▲		1.7	Boulder, 1.7m Height, North Side
3		/	/	Y	Trail Junction

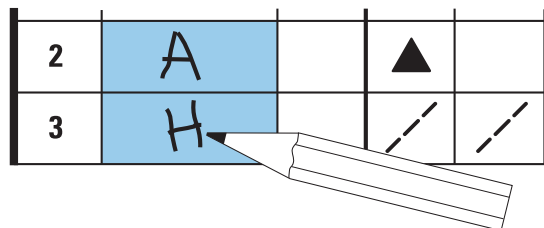
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Take a closer look; you will notice the control number and letter code on the marker post placard.



By recording the letter code in the appropriate box on the control sheet, you provide proof of your visit to the control for later verification.



That's it! You're off to your next control, and so on to the finish.



SAFETY NOTES

At a moderate pace, the Intermediate course at Colonel Denning State Park can ordinarily be completed within 45-60 minutes. It is wise to take this into consideration, especially when setting off towards dusk.

On the remote chance you become hopelessly disoriented, make your way north to Sheaffers Valley Road, Route 233. Remember that the sun rises in the east and sets in the west.

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09/2024

Colonel Denning State Park

Lower Mifflin Township, Cumberland County, Pennsylvania

SCALE | CONTOURS

1:7,500 | 5 meters



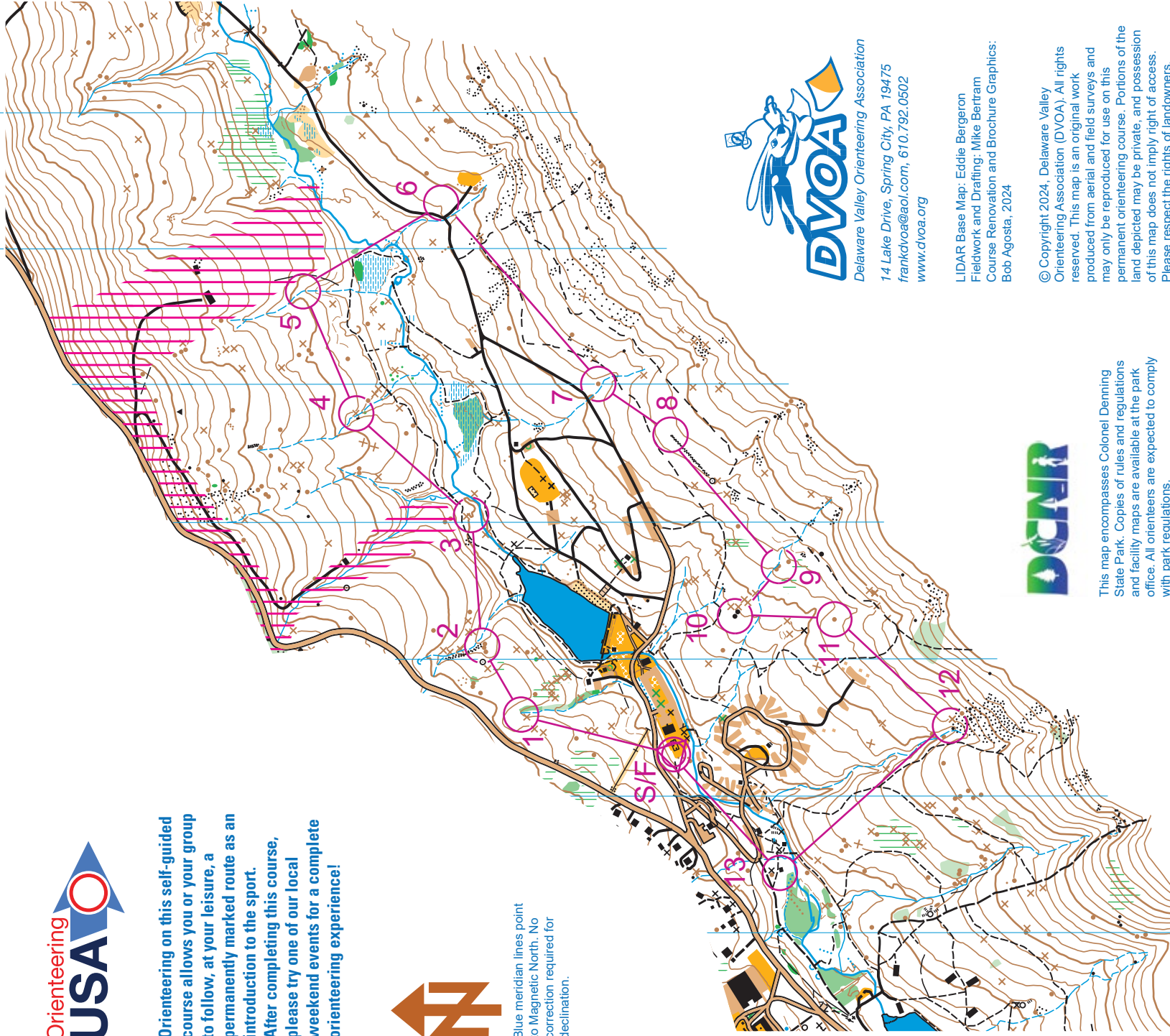
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0 meters 250

ADVANCED COURSE



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09/2024



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MAP LEGEND

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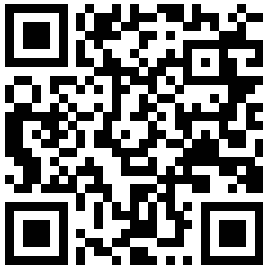
Colonel Denning State Park Permanent Orienteering Course Control Sheet					
Advanced Course		3.7 km distance (2.30 miles)		95m climb (312 feet)	
Control # / Letter Code		Control Descriptions		Control Descriptions (Text)	
△			—	—	Path, East End
1	49		<		Re-entrant, Bend
2	50			—	Stony Ground, South End
3	51		—		Re-entrant, Shallow
4	52		⊗	—	Root Stock, Beneath
5	53		—		Intermittent Stream, Bend
6	54		—		Re-entrant
7	55		•		Knoll
8	42		—	—	Stoney Ground, Northeast End
9	57		—		Middle Knoll
10	58		—		Northwestern Boulder, 1m
11	59		•		Knoll
12	60		—	—	Stony Ground, North Tip
13	61		—	—	Building, Northwest Corner
∞		300m (984 feet) to Finish		—	∞

Note:

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Scouts BSA:

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Name _____

Mailing Address _____

Email _____ Phone _____

Date Course Completed _____ Start Time: _____ End Time: _____



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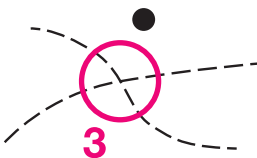
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3. Set out to visit the controls in the sequence outlined on the map starting at the start triangle and proceeding towards control #1. Upon reaching each control, record, on the course control sheet provided, the letter code shown on the marker post placard (see illustrations to the right). You may also want to time yourself from start to finish.

As an example, consider an imaginary control #3, marked on the map as shown below:



Referring to the map legend, you note that the control location, the point at the center of the circle, seems to be crossing between two paths. To confirm the terrain feature on which the control is located, look at the description and feature symbols provided on the sample control sheet shown below.

Permanent Orienteering Course Control Sheet					
Short Course	2.2 km distance (1.4 miles)			27m climb (90 feet)	
Control # / Letter Code	Control Descriptions			Control Descriptions (Text)	
▷		■			Start Triangle Building (Park Office)
1		↗	↘		Road Junction
2		▲	1.7	○	Boulder, 1.7m Height, North Side
3		↗	↘		Trail Junction

Suppose, after a fairly challenging and satisfying amount of navigation, you finally arrive at the vicinity of control #3. To your delight, you sight it precisely where it should be: at the foot path trail junction.



Take a closer look; you will notice the control number and letter code on the marker post placard.



By recording the letter code in the appropriate box on the control sheet, you provide proof of your visit to the control for later verification.

2	A		▲	
3	H		↗	↘

That's it! You're off to your next control, and so on to the finish.



SAFETY NOTES

At a moderate pace, the Advanced course at Colonel Denning State Park can ordinarily be completed within 60-90 minutes. It is wise to take this into consideration, especially when setting off towards dusk.

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