

**Brandywine Battlefield
Chester & Delaware Counties, PA**

**Map 3.4
2010 KOCOBA Battle Analysis**



0 0.5 1 Miles

Elevation in Feet

- 410 - 495
- 310 - 410
- 210 - 310
- 135 - 210



**06:00-15:00
Howe and Cornwallis'
Flanking March**

**06:00
British
Army
Camped
at
Kennett
Square**

**06:00-09:00
Knyphausen's
March**

Observation and Fields of Fire

Key Point of Observation

Zone of Engagement

2 British 12 Pound Guns
5300 foot range
30 degree sweep

2 Continental 3 Pound Guns
4000 foot range
30 degree sweep

Artillery Position
Fields of Fire
at Key Points
of Battle

**09:00-11:00
Howe and Cornwallis'
Crossing of
West Branch of Brandywine Creek
at Trimble's Ford**

**11:15-14:00
Howe and Cornwallis'
Crossing of
East Branch of Brandywine Creek
at Jefferis' Ford**

**14:30-15:30
Howe and Cornwallis
rest and conceal troops
behind Osbourne Hill**

**15:30-17:00
Sullivan positions/partially conceals troops
on wooded ridge of Birmingham Hill**

**16:30-18:00
Cornwallis' Assault
on Birmingham Hill**

**17:30-19:00
Greene conceals troops in woods
south of Dilworthtown for
rearguard defense**

**19:00-19:30
Greene's
Rearguard Defense
near Dilworthtown**

**19:30
Continental
Retreat
to Chester**

**17:30-18:30
Knyphausen's Assault on Chads' Ford/
Crossing of Brandywine Creek**

Cover and Concealment

- Large area of Terrain Used during Battle for Cover/Concealment
- 1777 Structure

The five village clusters have an approximated number of structures. All other structures based upon the 2009-2010 Historic Resource Atlas Project.

Obstacles

- Stream
- Major Stream with Limited Ford Crossing
- 1777 Fence Line
- Wetland
- Woodland

Avenues of Approach and Retreat

- 1777 Road
- 1777 Ford
- 1777 Ferry
- Ford Utilized by Attacking British Army
- Approach Route of Attacking British Army
- Route of Retreating Continental Army