

| Home Team | Result | Away Team | Date | Time | Status |
|---------------------|---------------|---------------------|---------------|-------------|---------------|
| Clay Cross 2 | 2 - 2 | Rolls Royce Derby 2 | Wed 27 Sep 17 | 19:30 | OU |
| Rolls Royce Derby 2 | 3½ - ½ | Derby 4 | Thu 5 Oct 17 | 19:30 | OU |
| Derby 4 | 2 - 2 | Long Eaton 1 | Tue 10 Oct 17 | 19:30 | OU |
| Spondon 2 | 1 - 3 | Clay Cross 2 | Tue 10 Oct 17 | 19:30 | OU |
| Belper 3 | 2 - 2 | Spondon 2 | Wed 25 Oct 17 | 19:30 | OU |
| Amber Valley 1 | 1 - 3 | Belper 3 | Wed 8 Nov 17 | 19:30 | OU |
| Spondon 2 | 1 - 3 | Long Eaton 1 | Tue 14 Nov 17 | 19:30 | OU |
| Amber Valley 1 | 3 - 1 | Derby 4 | Wed 15 Nov 17 | 19:30 | OU |
| Belper 3 | 1 - 3 | Clay Cross 2 | Wed 15 Nov 17 | 19:30 | OU |
| Rolls Royce Derby 2 | 2 - 2 | Spondon 2 | Thu 7 Dec 17 | 19:30 | OU |
| Derby 4 | 2½ - 1½ | Belper 3 | Tue 12 Dec 17 | 19:30 | OU |
| Long Eaton 1 | 2½ - 1½ | Rolls Royce Derby 2 | Wed 13 Dec 17 | 19:30 | OU |
| Amber Valley 1 | 1½ - 2½ | Rolls Royce Derby 2 | Wed 20 Dec 17 | 19:30 | OU |
| Belper 3 | 3 - 1 | Long Eaton 1 | Wed 20 Dec 17 | 19:30 | OU |
| Clay Cross 2 | 3½ - ½ | Derby 4 | Wed 20 Dec 17 | 19:30 | OU |
| Spondon 2 | 2 - 2 | Amber Valley 1 | Tue 9 Jan 18 | 19:30 | OU |
| Long Eaton 1 | 2½ - 1½ | Clay Cross 2 | Wed 10 Jan 18 | 19:30 | OU |
| Clay Cross 2 | 2½ - 1½ | Amber Valley 1 | Wed 17 Jan 18 | 19:30 | OU |
| Spondon 2 | 1 - 3 | Belper 3 | Tue 23 Jan 18 | 19:30 | OU |
| Rolls Royce Derby 2 | 2½ - 1½ | Clay Cross 2 | Thu 25 Jan 18 | 19:30 | OU |
| Long Eaton 1 | 3 - 1 | Derby 4 | Wed 31 Jan 18 | 19:30 | OU |
| Rolls Royce Derby 2 | 2 - 2 | Belper 3 | Thu 1 Feb 18 | 19:30 | OU |
| Clay Cross 2 | 2 - 2 | Spondon 2 | Wed 7 Feb 18 | 19:30 | OU |
| Derby 4 | ½ - 3½ | Rolls Royce Derby 2 | Tue 13 Feb 18 | 19:30 | OU |
| Belper 3 | 1½ - 2½ | Amber Valley 1 | Wed 14 Feb 18 | 19:30 | OU |
| Amber Valley 1 | 1 - 3 | Clay Cross 2 | Wed 21 Feb 18 | 19:30 | OU |
| Rolls Royce Derby 2 | 0 - 4 | Long Eaton 1 | Thu 22 Feb 18 | 19:30 | OU |
| Spondon 2 | 2 - 2 | Derby 4 | Tue 27 Feb 18 | 19:30 | OU |
| Derby 4 | 1 - 3 | Spondon 2 | Tue 13 Mar 18 | 19:30 | OU |
| Clay Cross 2 | 1½ - 2½ | Belper 3 | Wed 14 Mar 18 | 19:30 | OU |
| Derby 4 | ½ - 3½ | Clay Cross 2 | Tue 20 Mar 18 | 19:30 | OU |
| Long Eaton 1 | 3 - 1 | Spondon 2 | Wed 21 Mar 18 | 19:30 | OU |
| Spondon 2 | 3½ - ½ | Rolls Royce Derby 2 | Tue 27 Mar 18 | 19:30 | OU |
| Belper 3 | 3½ - ½ | Derby 4 | Wed 28 Mar 18 | 19:30 | OU |
| Amber Valley 1 | 1 - 3 | Long Eaton 1 | Wed 28 Mar 18 | 19:30 | OU |
| Long Eaton 1 | 2½ - 1½ | Amber Valley 1 | Wed 4 Apr 18 | 19:30 | OU |
| Derby 4 | 1 - 3 | Amber Valley 1 | Tue 10 Apr 18 | 19:30 | OU |
| Long Eaton 1 | 2½ - 1½ | Belper 3 | Wed 11 Apr 18 | 19:30 | OU |
| Rolls Royce Derby 2 | 4 - 0 | Amber Valley 1 | Thu 12 Apr 18 | 19:30 | OU |
| Clay Cross 2 | 3 - 1 | Long Eaton 1 | Wed 25 Apr 18 | 19:30 | OU |
| Belper 3 | 2 - 2 | Rolls Royce Derby 2 | Wed 25 Apr 18 | 19:30 | OU |
| Amber Valley 1 | 1½ - 2½ | Spondon 2 | Wed 25 Apr 18 | 19:30 | OU |