

| Home Team | Result | Away Team | Date | Time | Status |
|------------------|---------------|------------------|---------------|-------------|---------------|
| Bridge | 3 - 1 | Sheldwich | Tue 24 Sep 19 | 19:30 | OV |
| Ramsgate | 1½ - 2½ | Folkestone | Tue 24 Sep 19 | 19:30 | OV |
| Margate | 1½ - 2½ | Broadstairs | Thu 26 Sep 19 | 19:30 | OV |
| Sheldwich | ½ - 3½ | Ramsgate | Fri 4 Oct 19 | 19:30 | OV |
| Folkestone | 2½ - 1½ | Margate | Fri 4 Oct 19 | 19:30 | OV |
| Broadstairs | 1 - 3 | Bridge | Mon 14 Oct 19 | 19:30 | OV |
| Ramsgate | 1 - 3 | Broadstairs | Tue 29 Oct 19 | 19:30 | OV |
| Folkestone | 3 - 1 | Sheldwich | Fri 22 Nov 19 | 19:30 | OV |
| Ramsgate | 1½ - 2½ | Bridge | Tue 26 Nov 19 | 19:30 | OV |
| Sheldwich | 1 - 3 | Margate | Fri 13 Dec 19 | 19:30 | OV |
| Margate | 1½ - 2½ | Ramsgate | Thu 16 Jan 20 | 19:30 | OV |
| Broadstairs | 1 - 3 | Folkestone | Mon 20 Jan 20 | 19:30 | OV |
| Bridge | 3 - 1 | Margate | Tue 21 Jan 20 | 19:30 | OV |
| Sheldwich | 2 - 2 | Broadstairs | Fri 24 Jan 20 | 19:30 | OV |
| Folkestone | 0 - 4 | Bridge | Fri 24 Jan 20 | 19:30 | OV |
| Bridge | 3 - 1 | Ramsgate | Tue 28 Jan 20 | 19:30 | OV |
| Broadstairs | 3½ - ½ | Margate | Mon 3 Feb 20 | 19:30 | OV |
| Sheldwich | 1 - 3 | Bridge | Fri 7 Feb 20 | 19:30 | OV |
| Folkestone | 3 - 1 | Ramsgate | Fri 7 Feb 20 | 19:30 | OV |
| Ramsgate | 3 - 1 | Sheldwich | Tue 11 Feb 20 | 19:30 | OV |
| Bridge | 1½ - 2½ | Broadstairs | Tue 11 Feb 20 | 19:30 | OV |
| Margate | 0 - 4 | Bridge | Thu 20 Feb 20 | 19:30 | OV |
| Broadstairs | 2 - 2 | Ramsgate | Mon 24 Feb 20 | 19:30 | OV |
| Broadstairs | 4 - 0 | Sheldwich | Mon 2 Mar 20 | 19:30 | OV |
| Margate | 0 - 4 | Folkestone | Thu 5 Mar 20 | 19:30 | OV |
| Sheldwich | 0 - 0 | Folkestone | Postponed | 19:30 | OU |
| Folkestone | 0 - 0 | Broadstairs | Fri 3 Apr 20 | 19:30 | OU |
| Ramsgate | 0 - 0 | Margate | Tue 21 Apr 20 | 19:30 | OU |
| Margate | 0 - 0 | Sheldwich | Thu 30 Apr 20 | 19:30 | OU |
| Bridge | 0 - 0 | Folkestone | Tue 5 May 20 | 19:30 | OU |